

FUNCTIONAL DIAGRAM OF CONSUMER PRODUCTS DISTRIBUTION SYSTEM

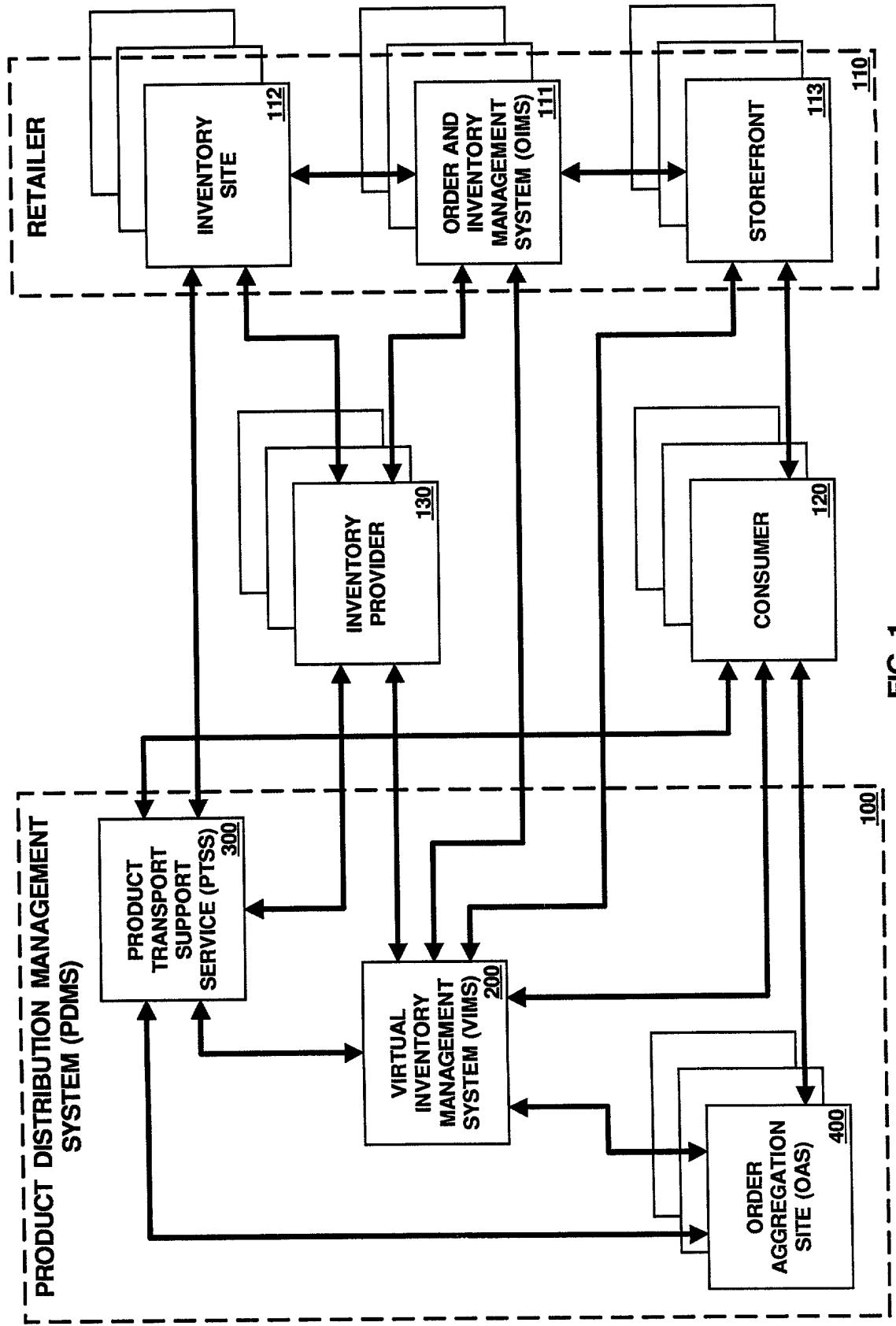


FIG. 1

VIRTUAL INVENTORY MANAGEMENT SYSTEM (VIMS)

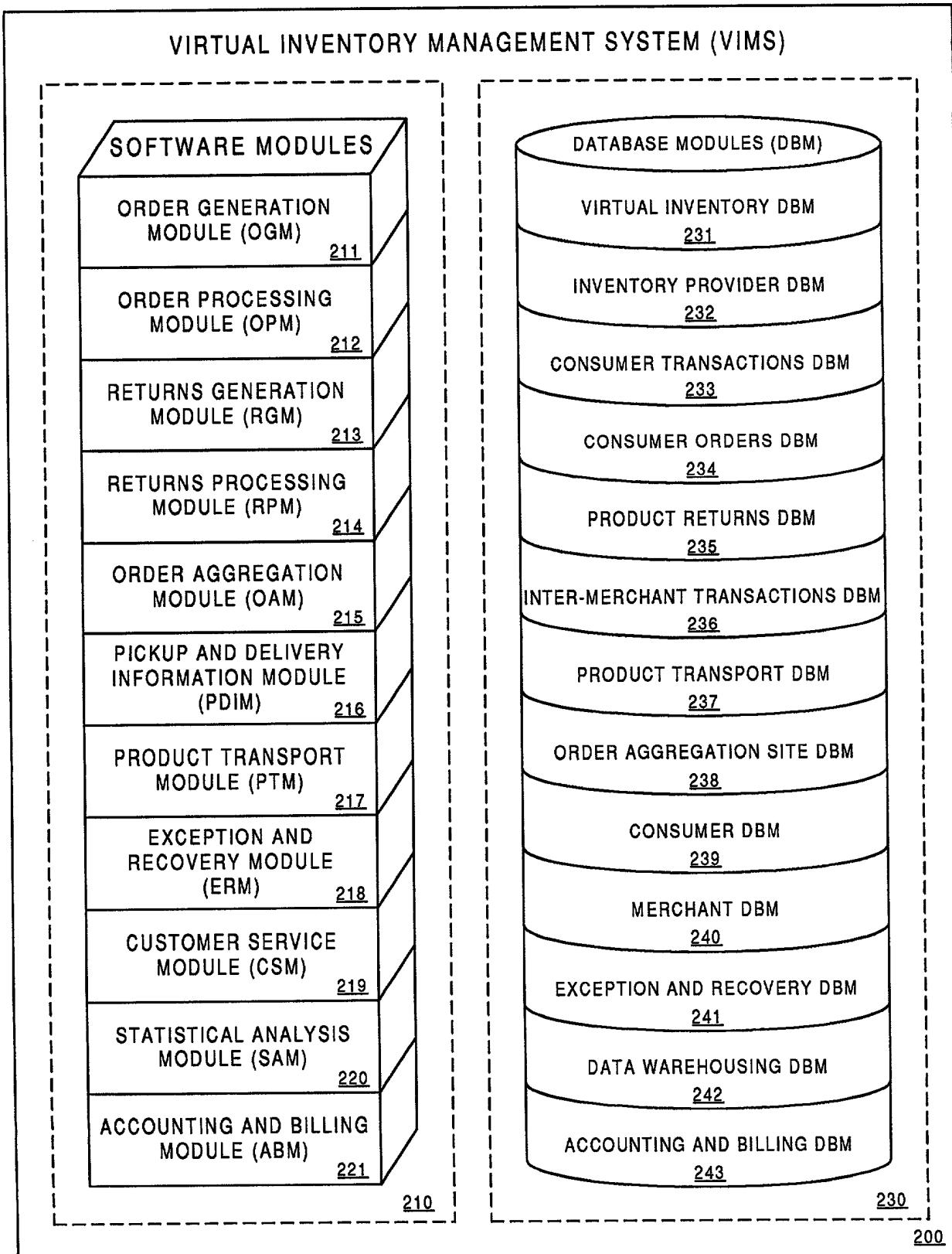


FIG. 2

CONCEPTUAL ILLUSTRATION OF PRODUCT TRANSPORT SUPPORT SERVICE (PTSS)

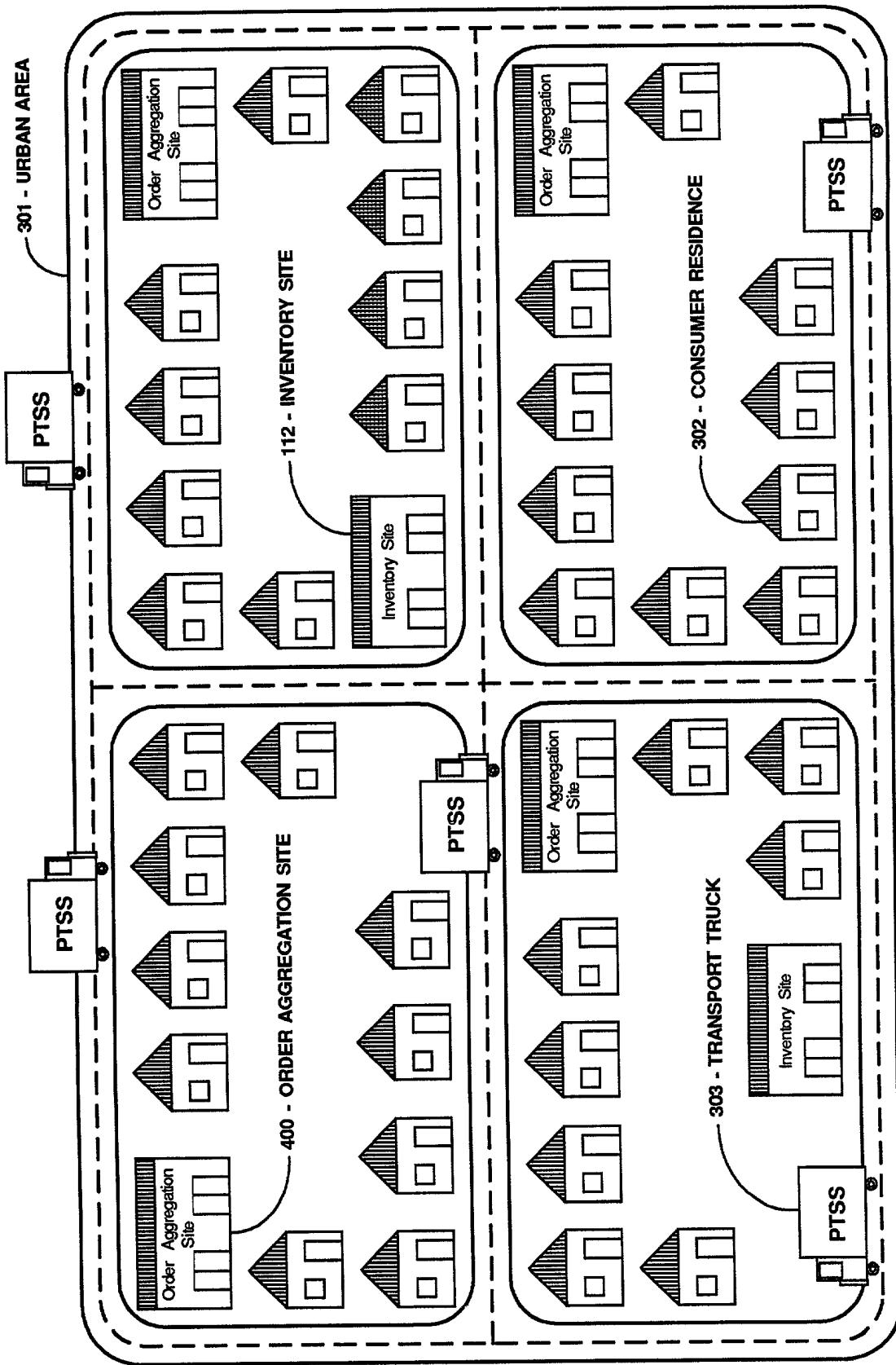


FIG. 3

ILLUSTRATION OF A TYPICAL ORDER AGGREGATION SITE (OAS)

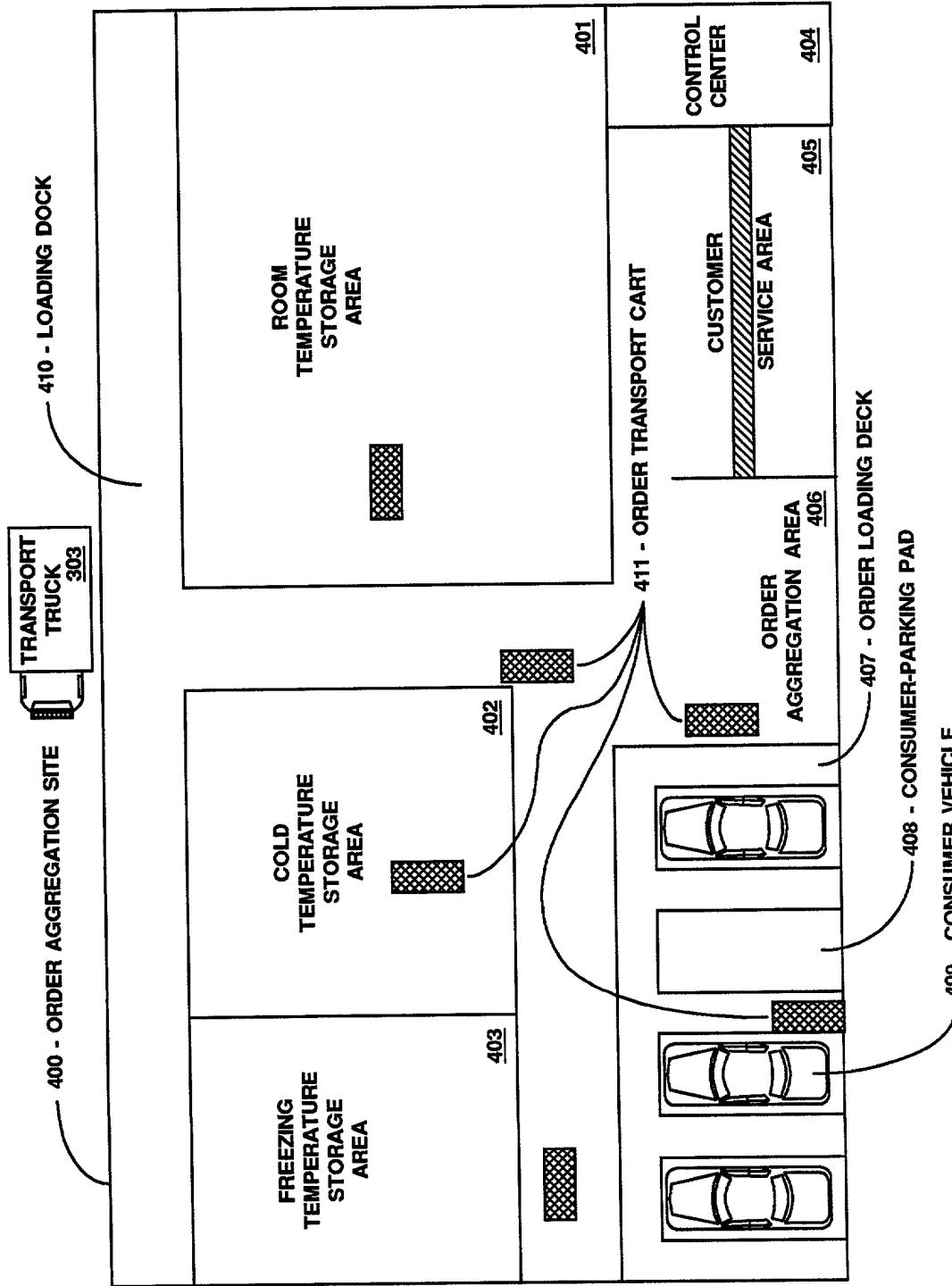


FIG. 4

PRODUCT DISTRIBUTION MANAGEMENT SYSTEM INFORMATION-FLOW

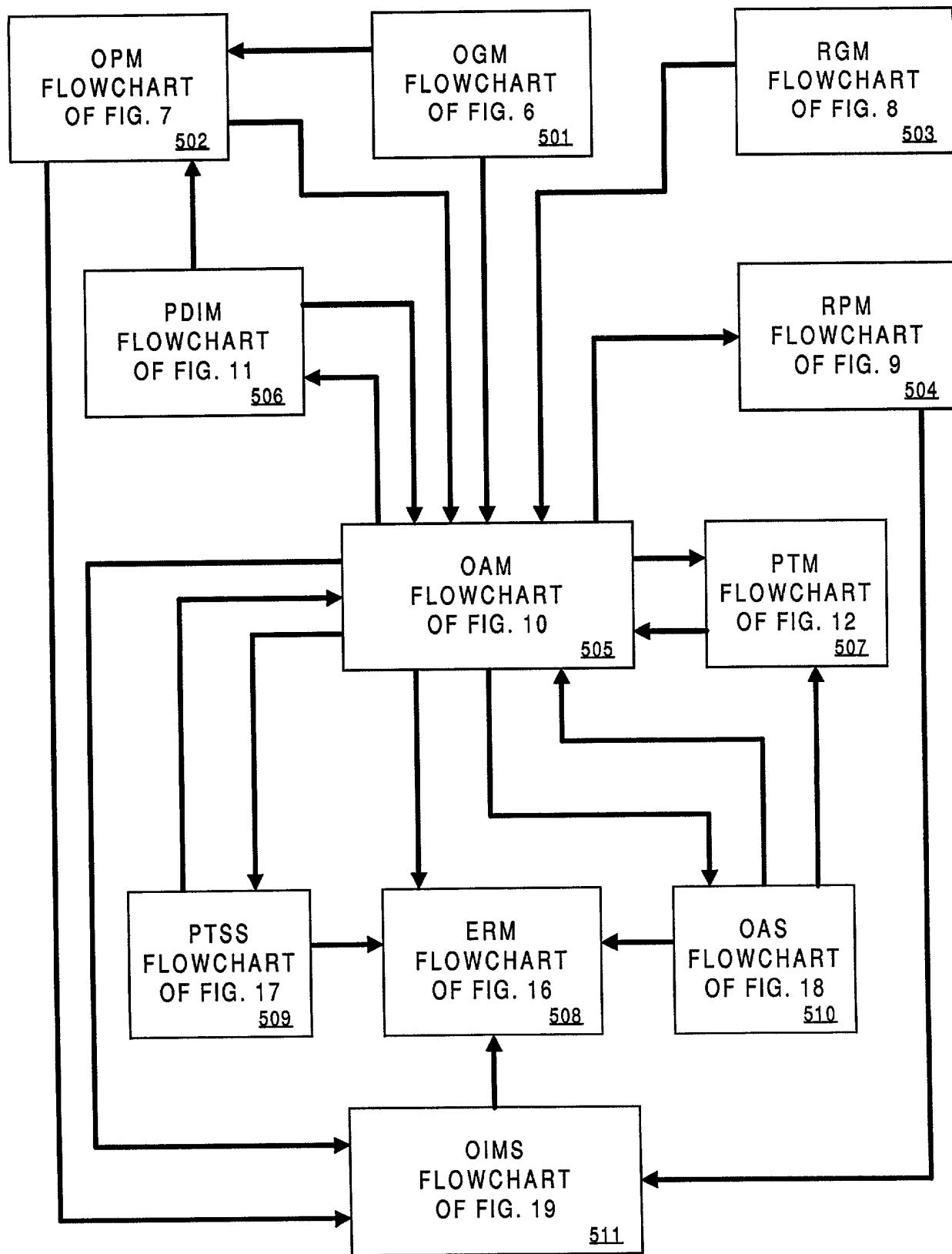


FIG. 5

ORDER GENERATION MODULE (OGM) FLOW CHART

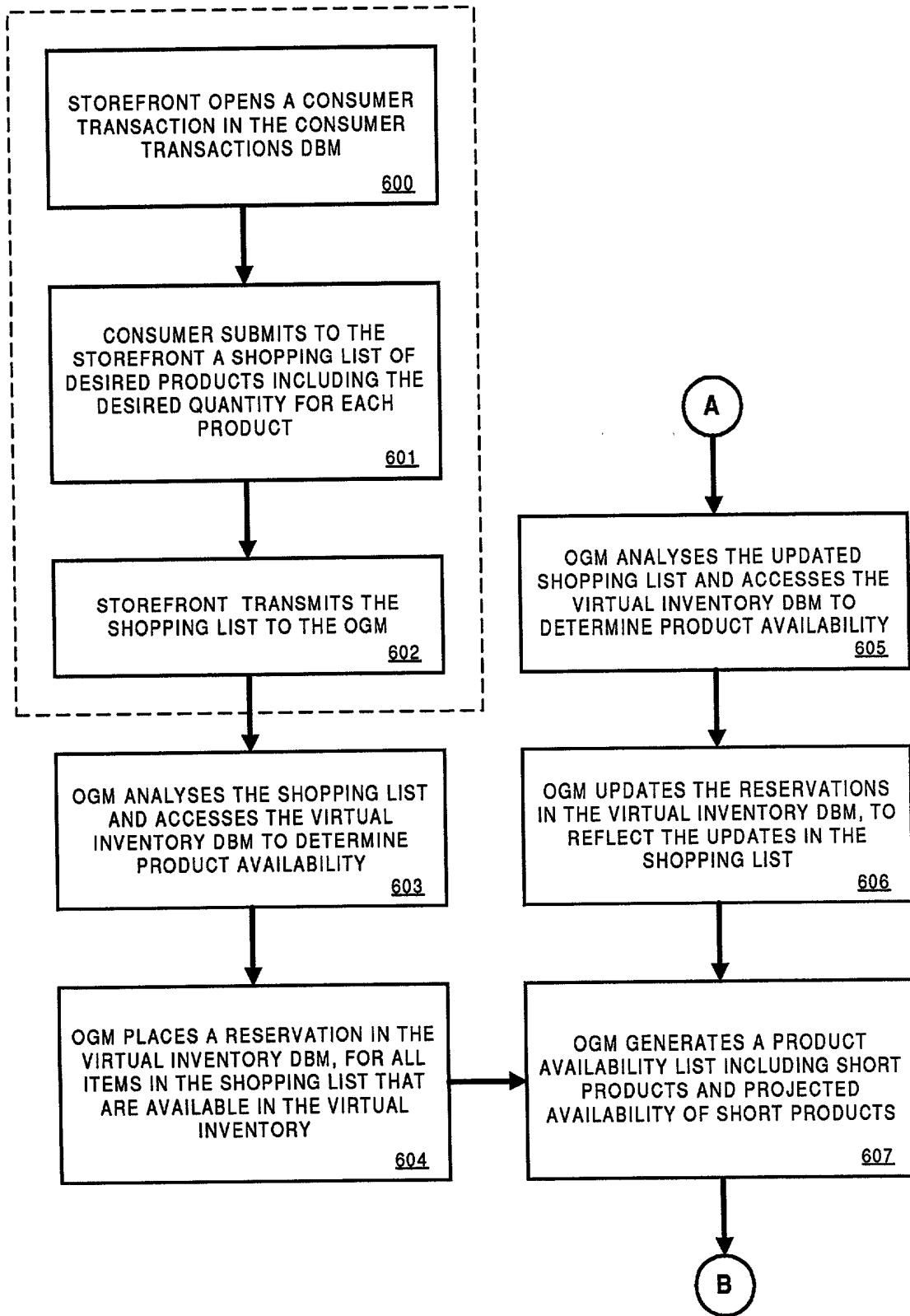


FIG. 6A

ORDER GENERATION MODULE (OGM) FLOW CHART

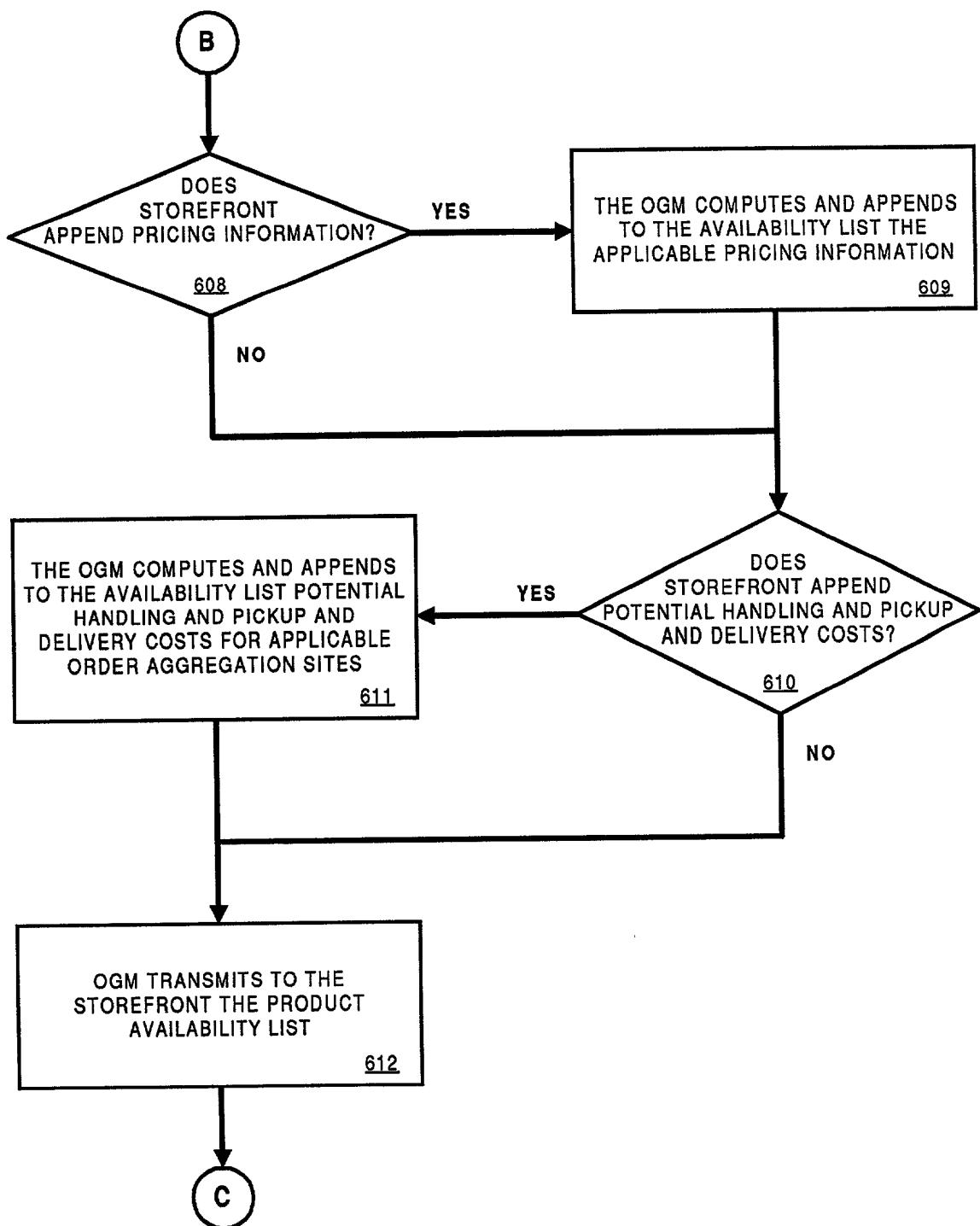


FIG. 6B

ORDER GENERATION MODULE (OGM) FLOW CHART

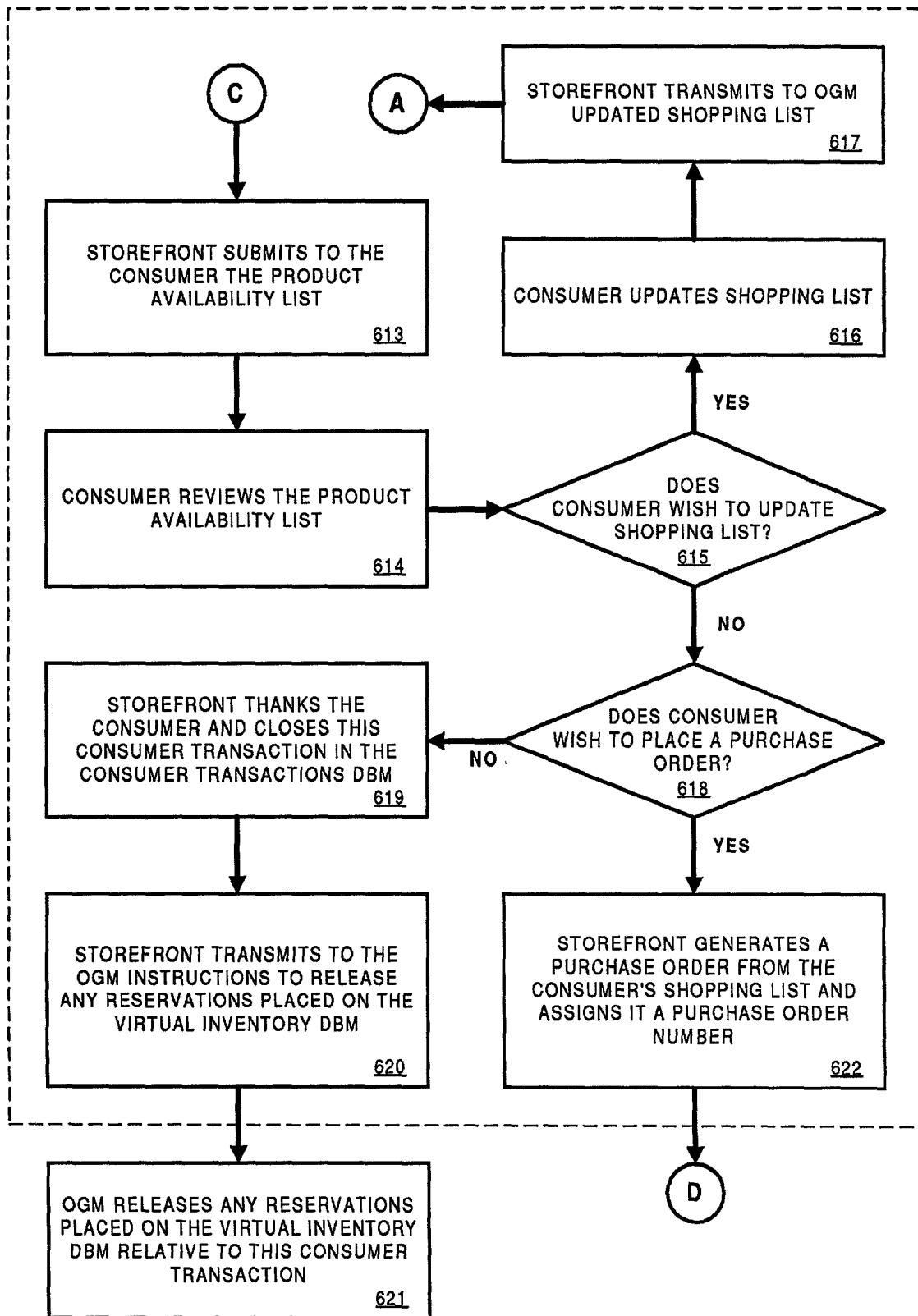


FIG. 6C

ORDER GENERATION MODULE (OGM) FLOW CHART

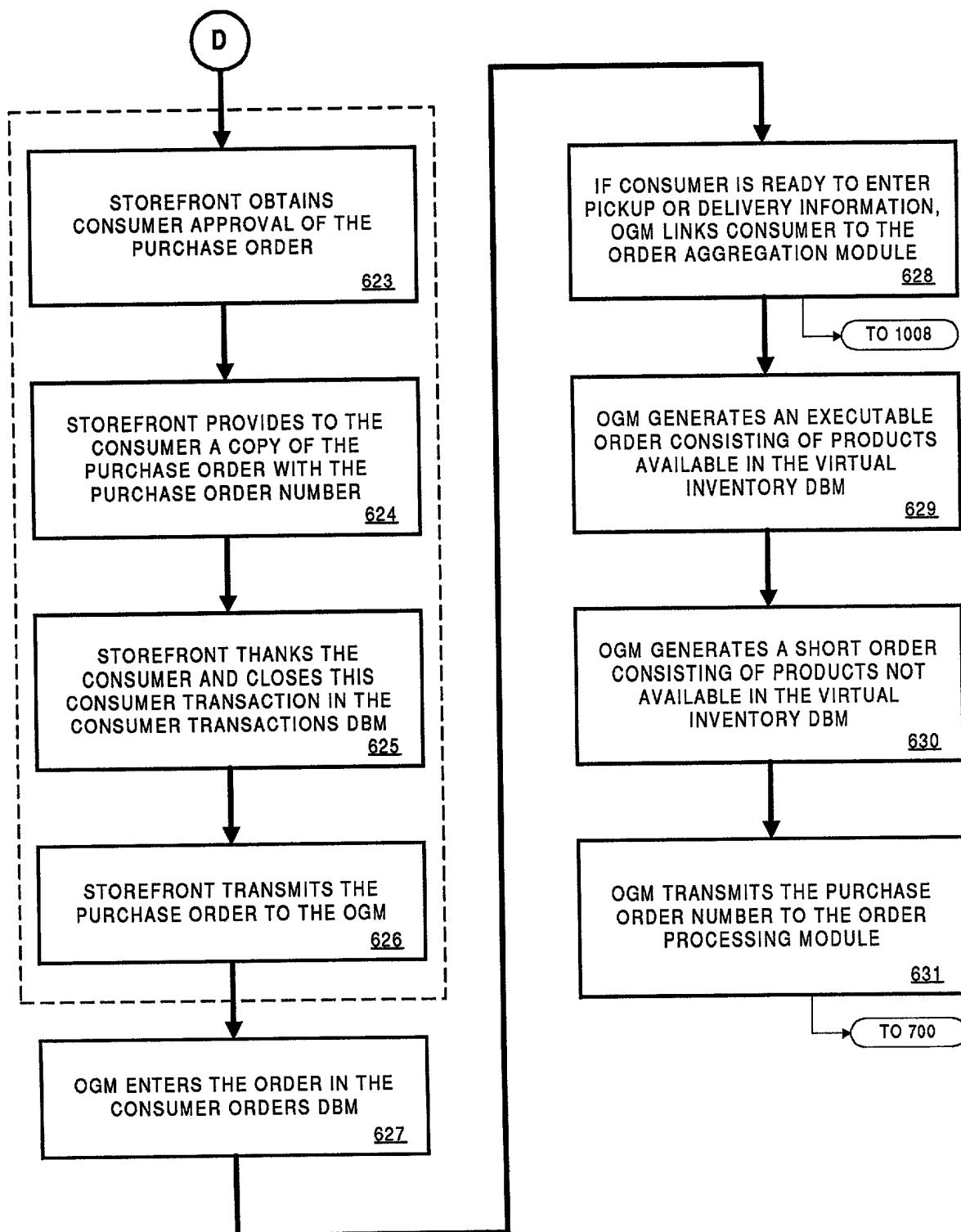


FIG. 6D

ORDER PROCESSING MODULE (OPM) FLOW CHARTS

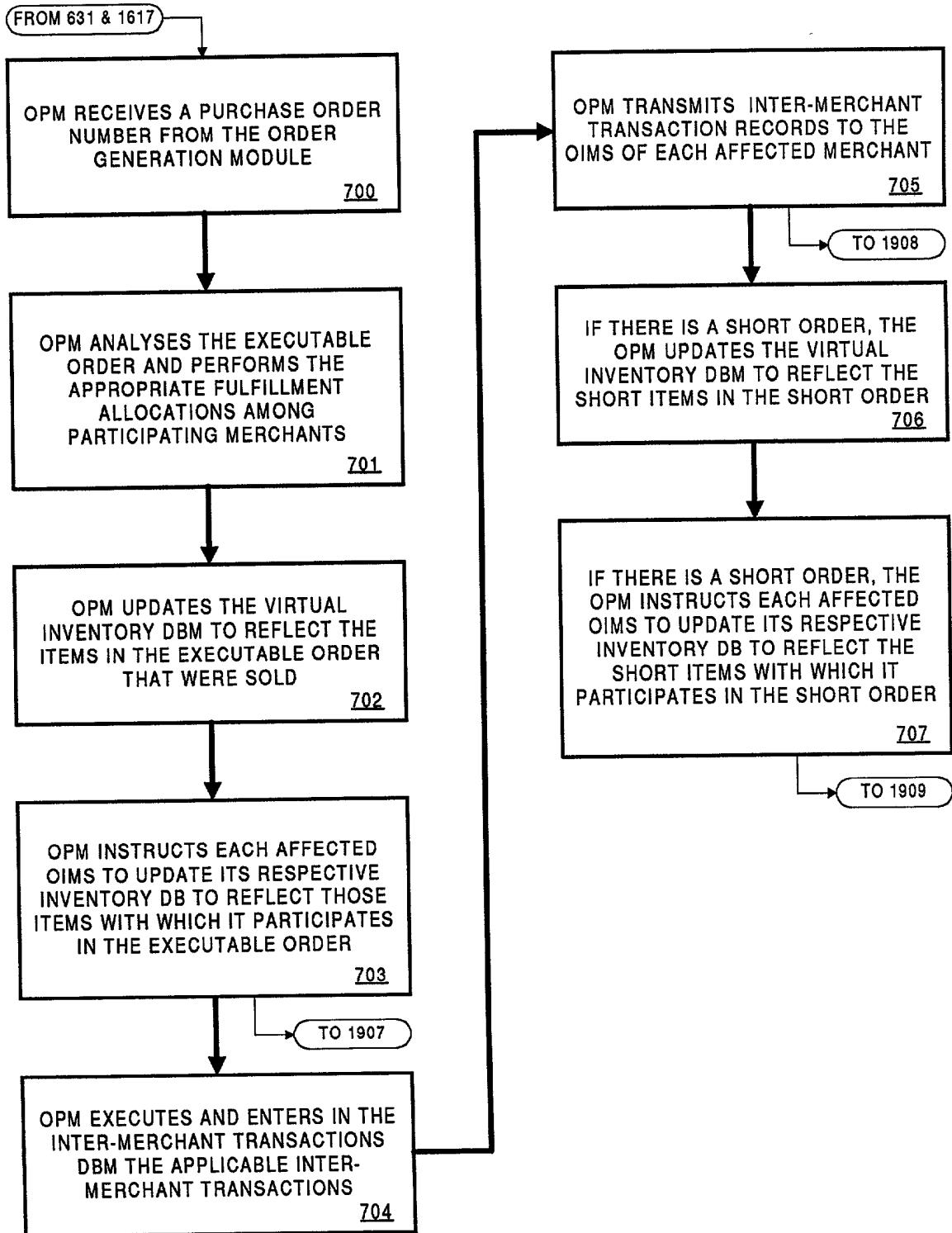


FIG. 7A

ORDER PROCESSING MODULE (OPM) FLOW CHARTS

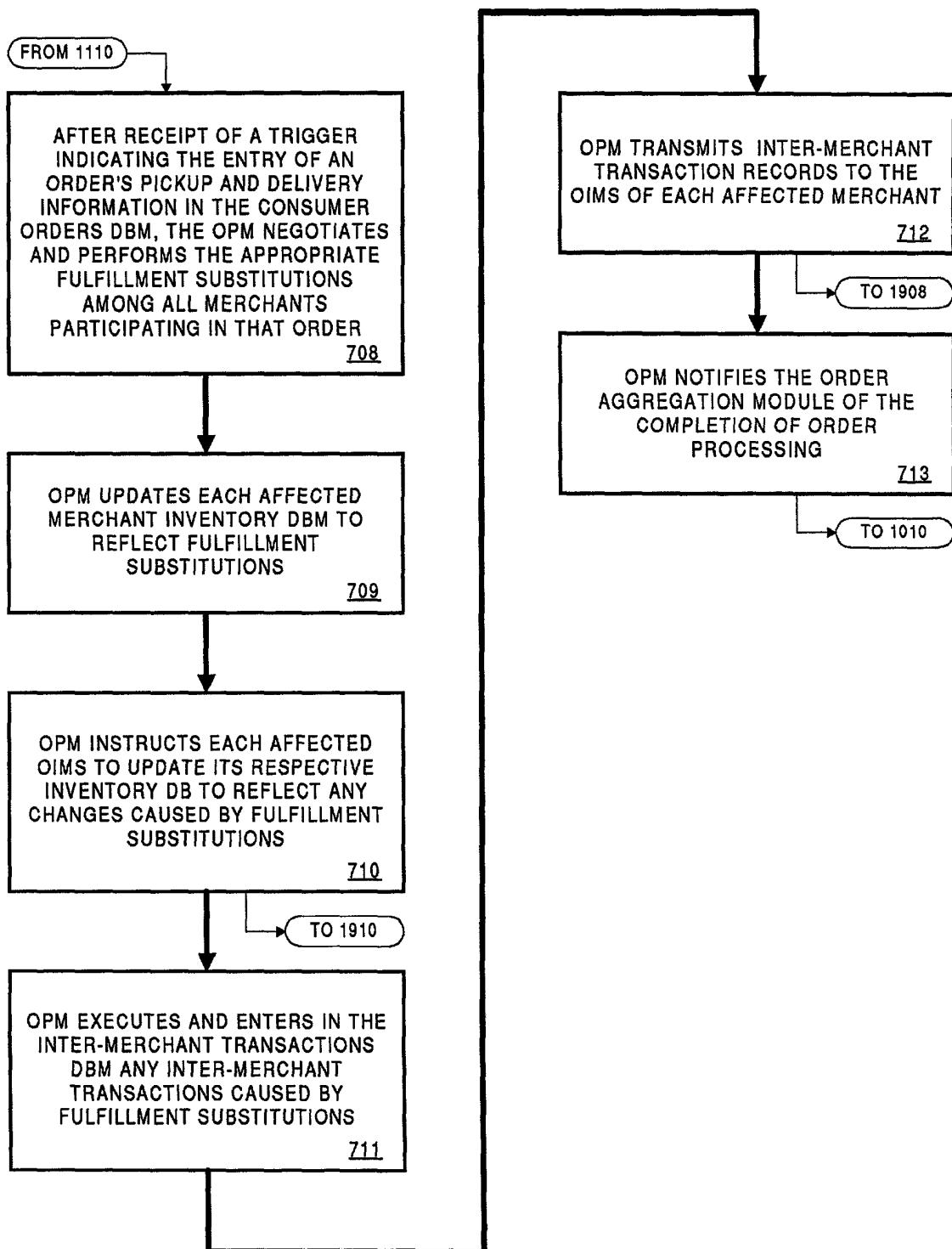


FIG. 7B

RETURN GENERATION MODULE (RGM) FLOW CHARTS

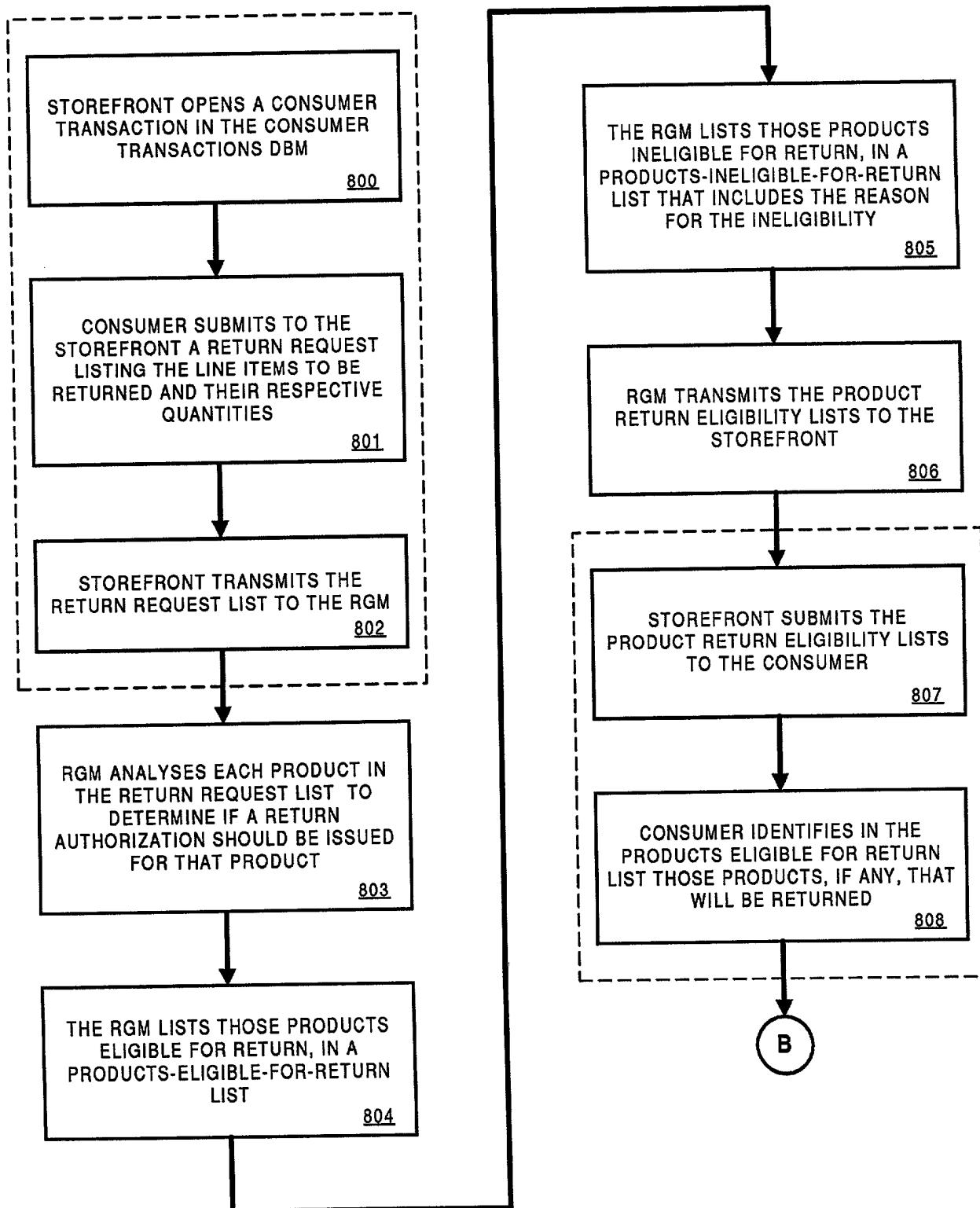


FIG. 8A

RETURN GENERATION MODULE (RGM) FLOW CHARTS

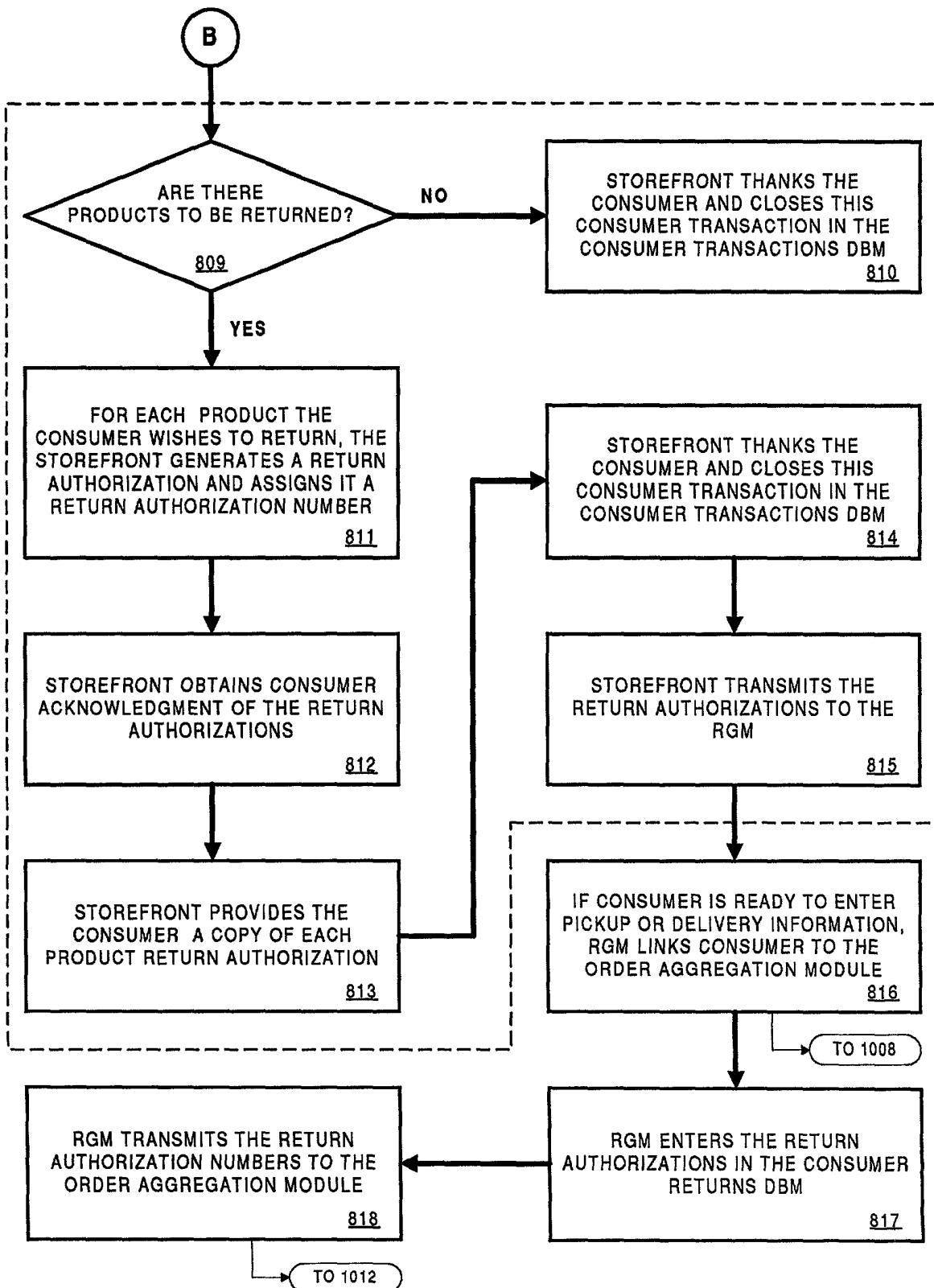


FIG. 8B

RETURN GENERATION MODULE (RGM) FLOW CHARTS

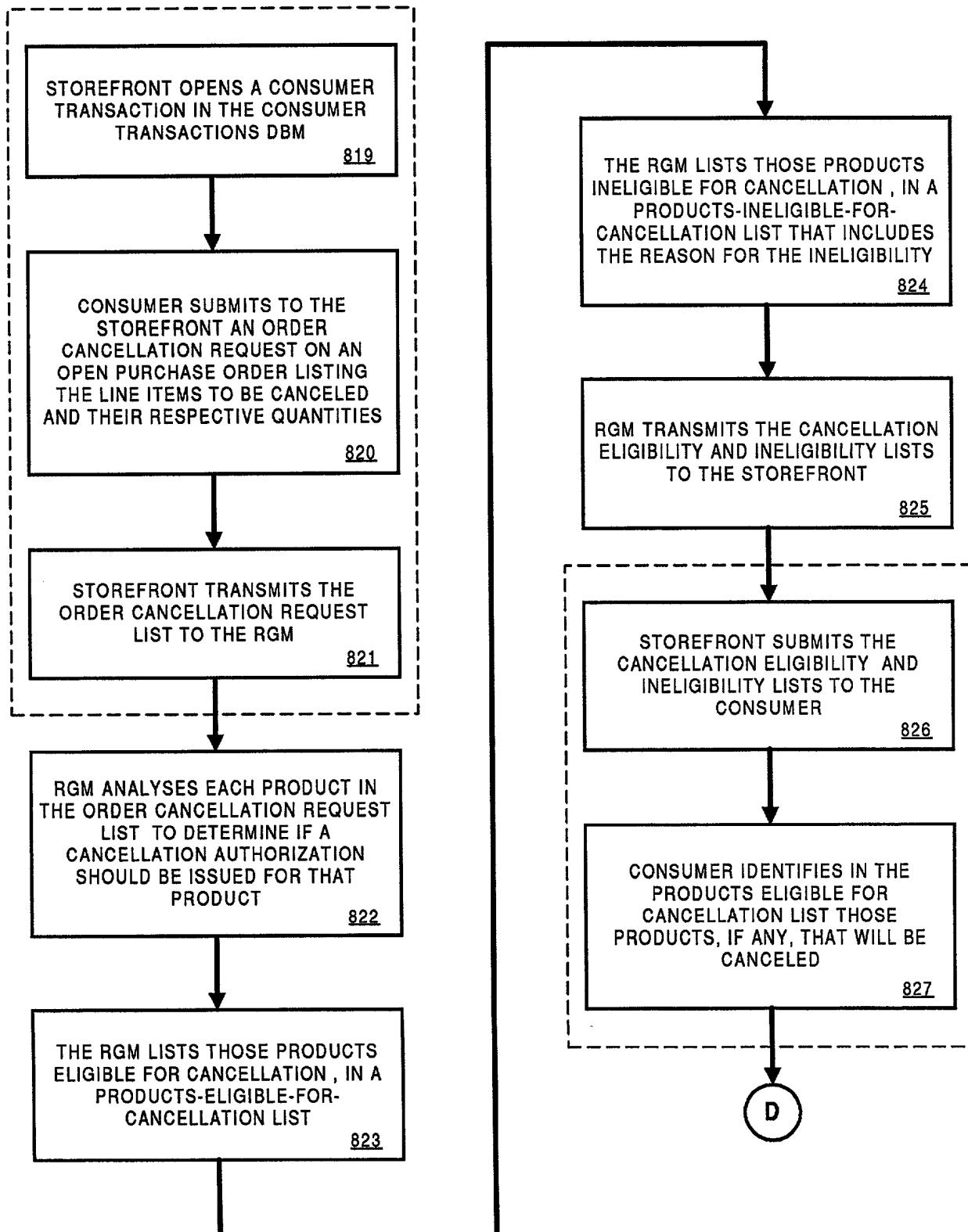


FIG. 8C

RETURN GENERATION MODULE (RGM) FLOW CHARTS

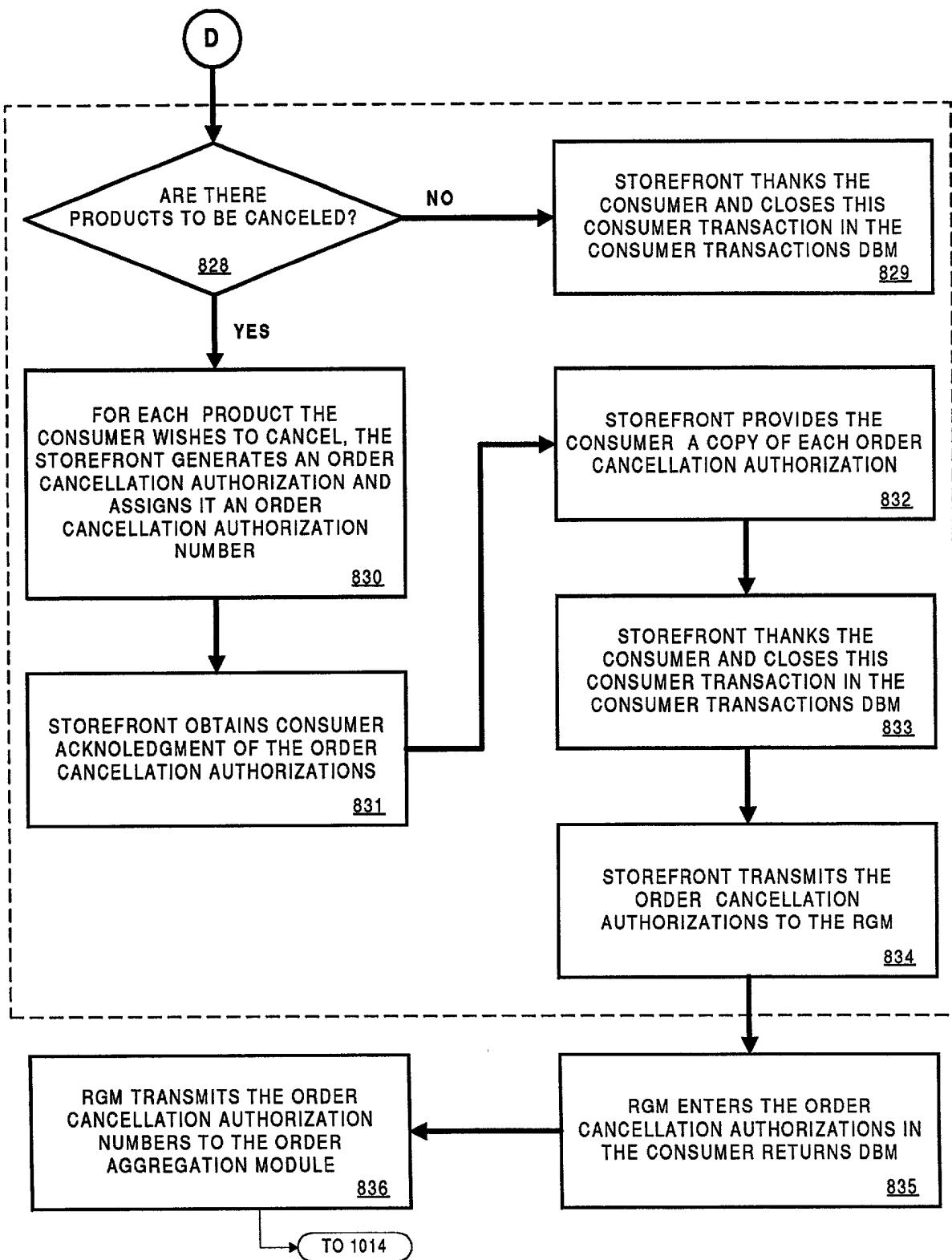


FIG. 8D

RETURN GENERATION MODULE (RGM) FLOW CHARTS

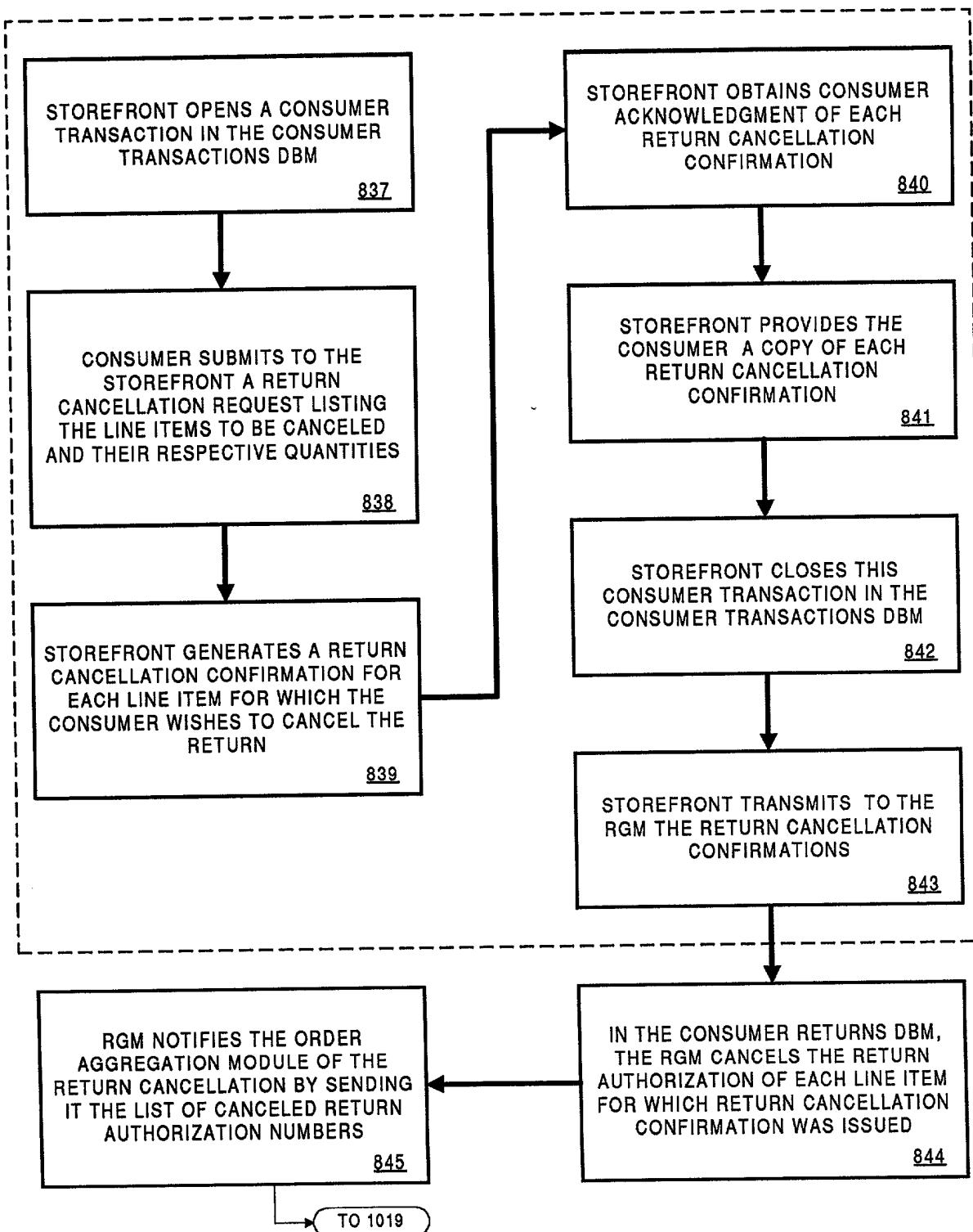


FIG. 8E

RETURNS PROCESSING MODULE (RPM) FLOW CHARTS

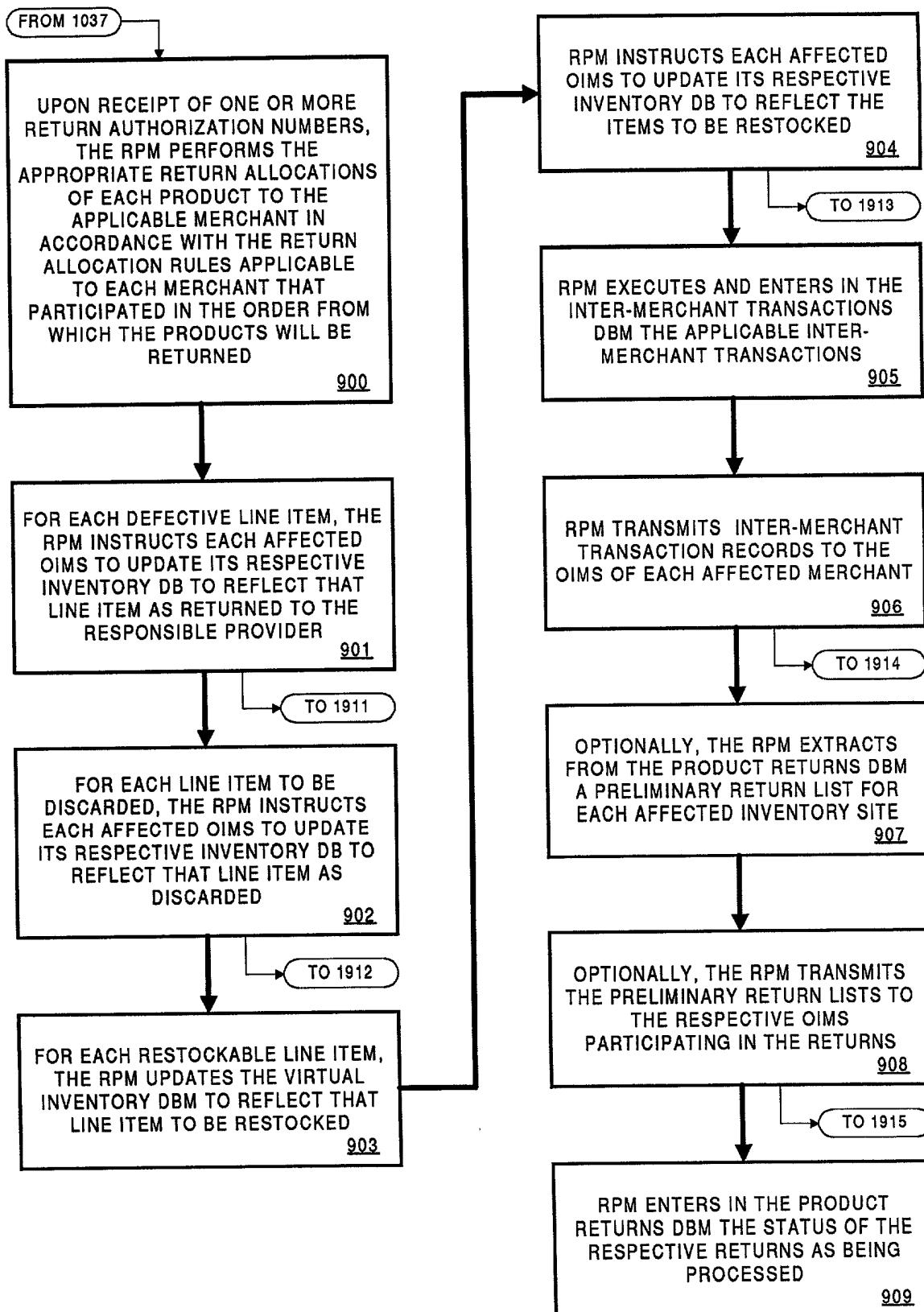


FIG. 9A

RETURNS PROCESSING MODULE (RPM) FLOW CHARTS

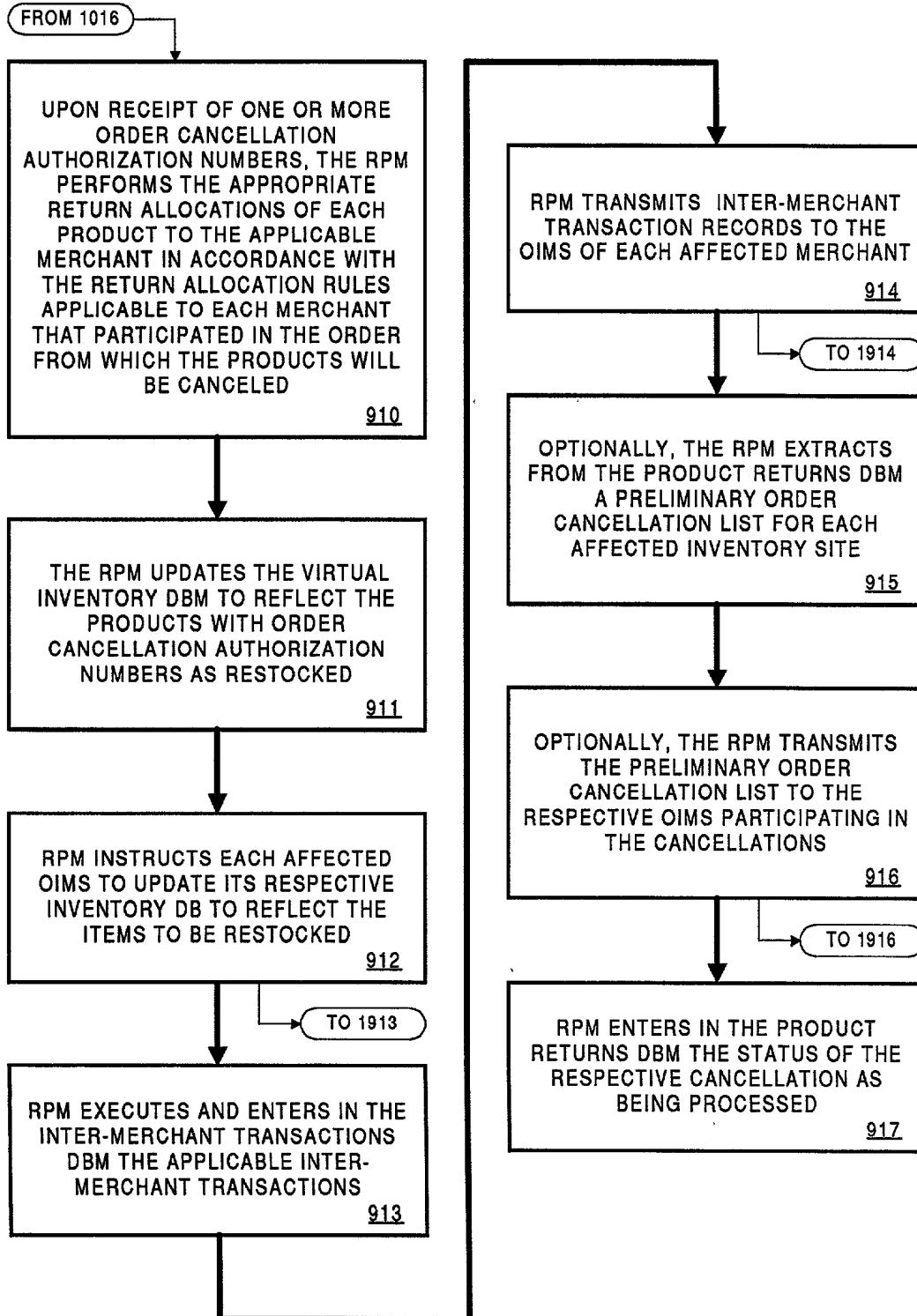


FIG. 9B

ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

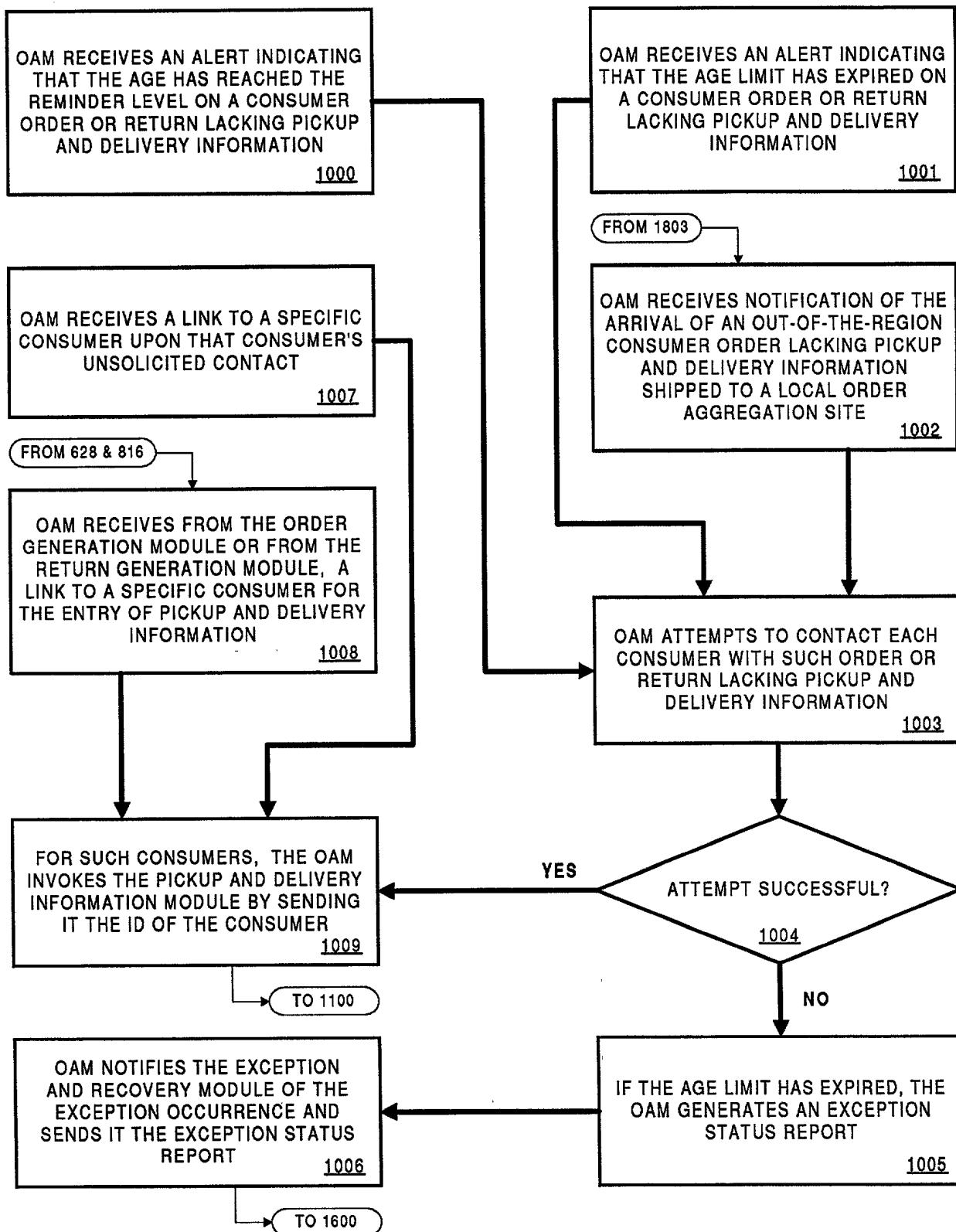


FIG. 10A

ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

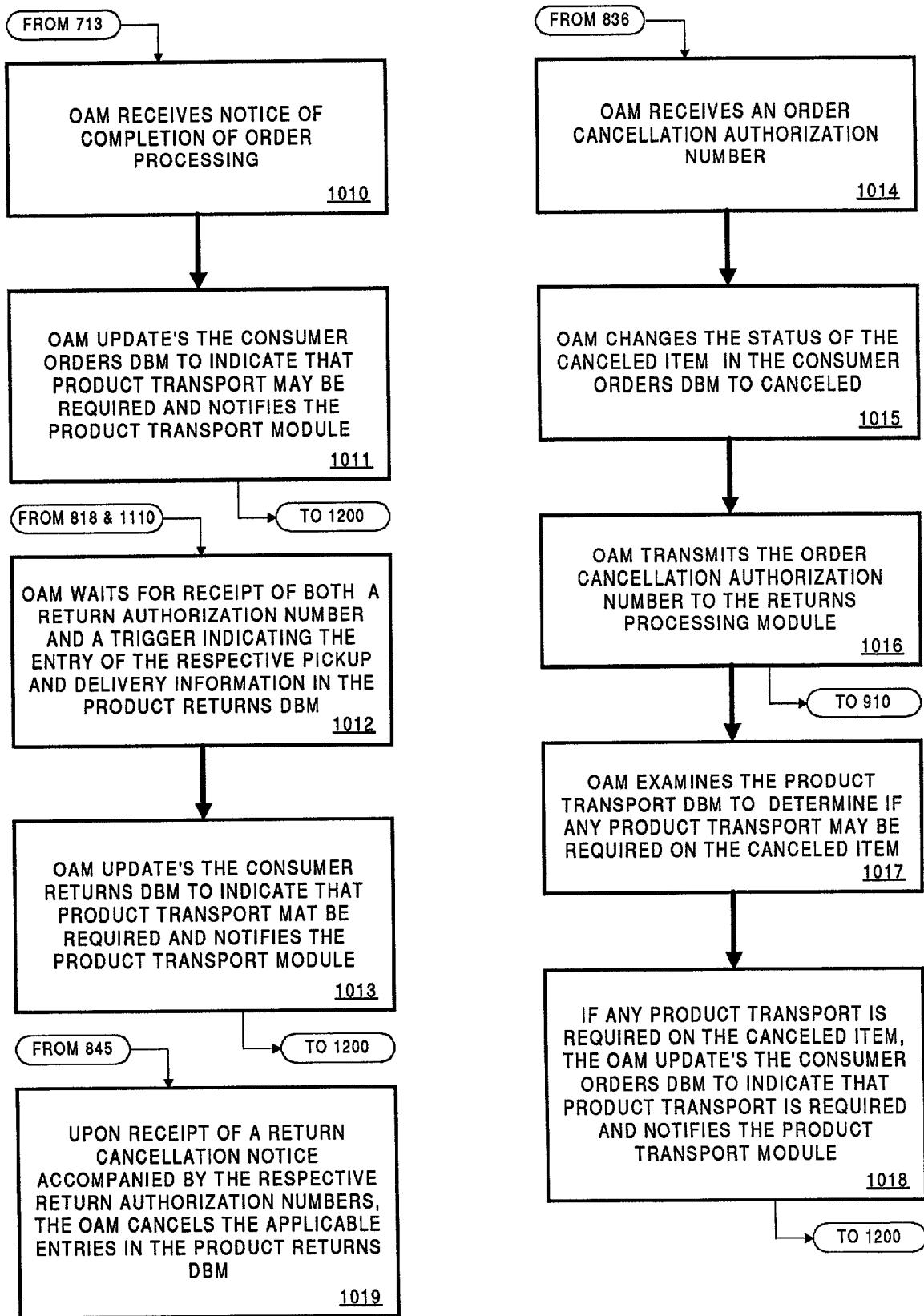


FIG. 10B

ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

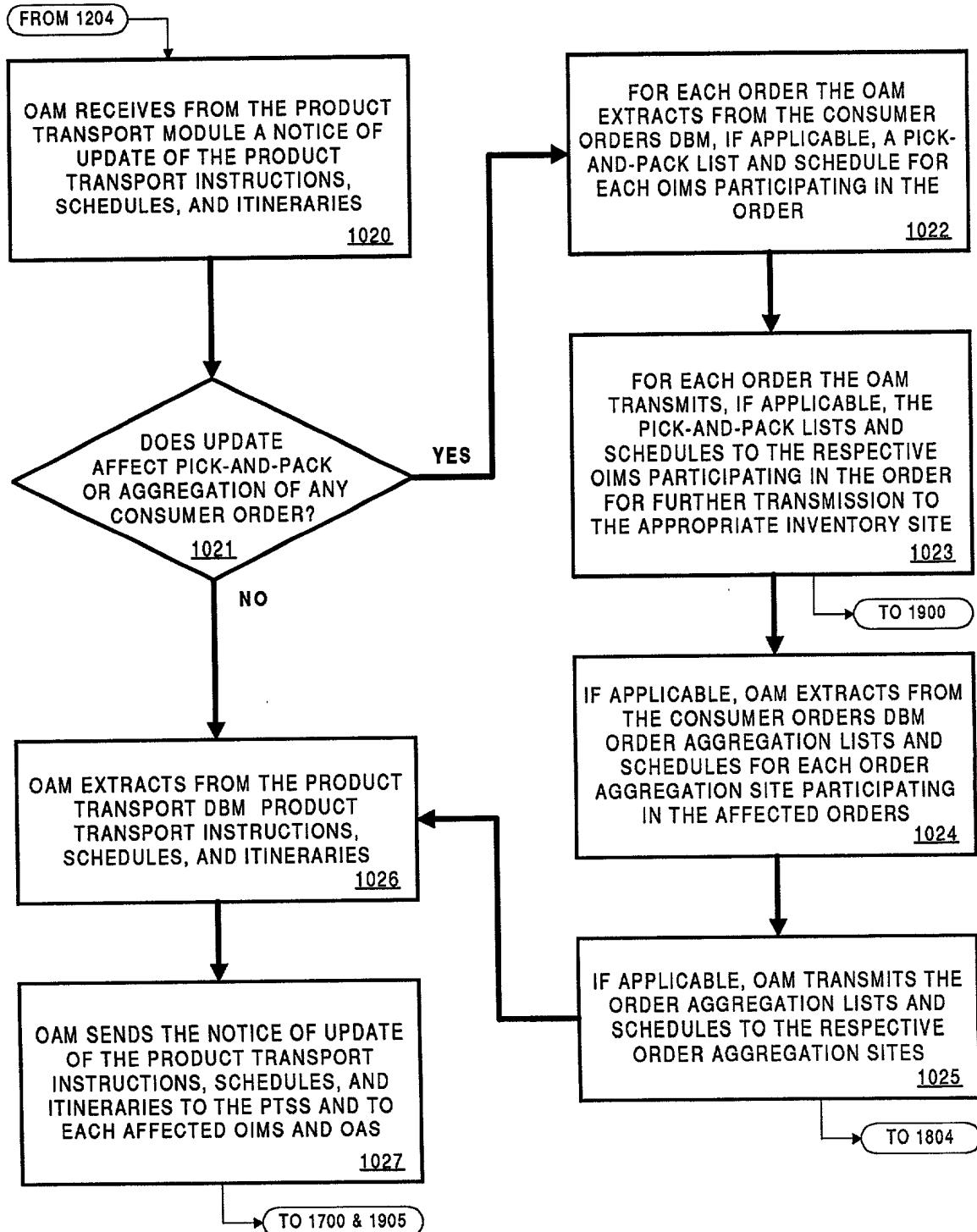


FIG. 10C

ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

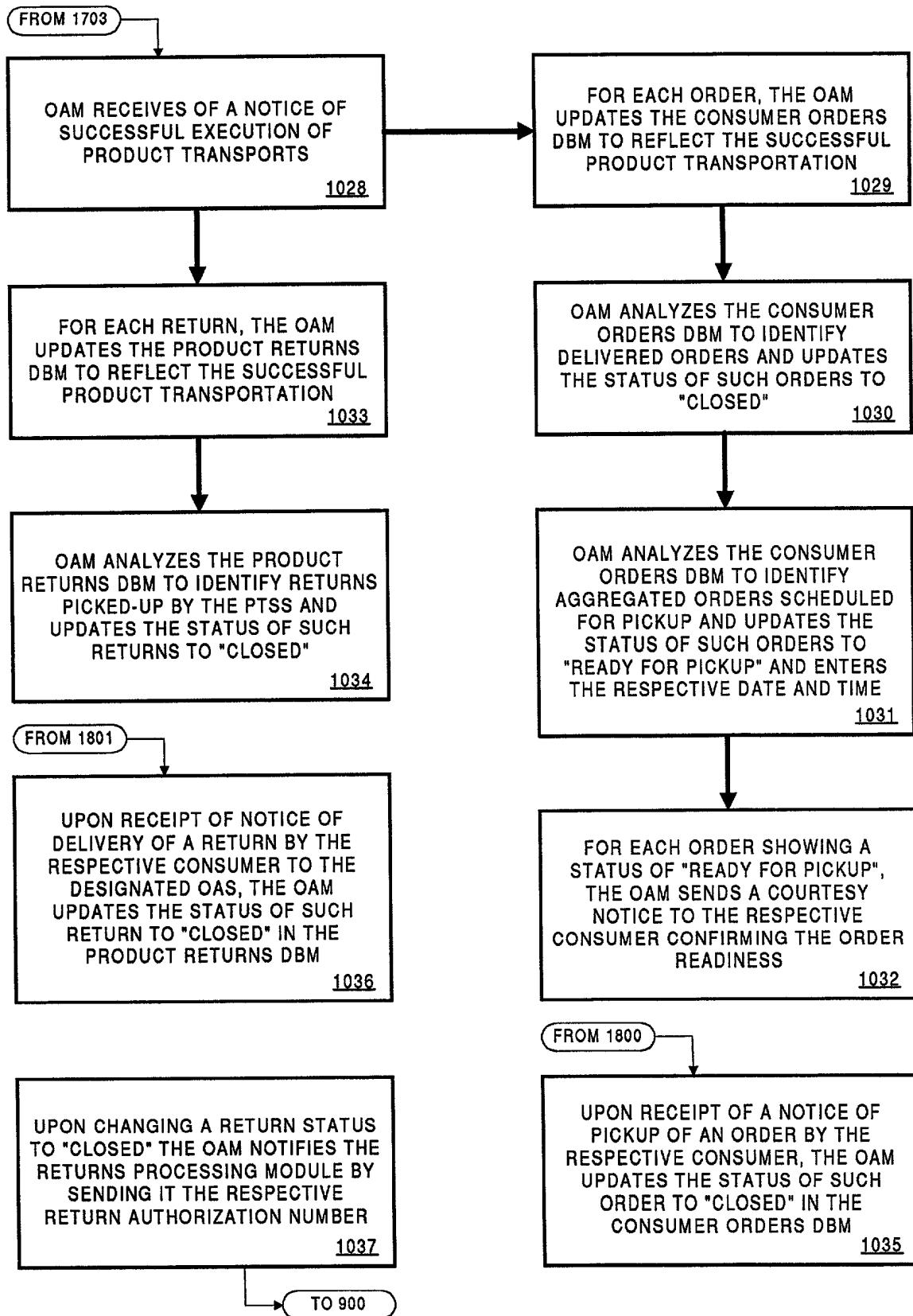


FIG. 10D

ORDER AGGREGATION MODULE (OAM) FLOW CHARTS

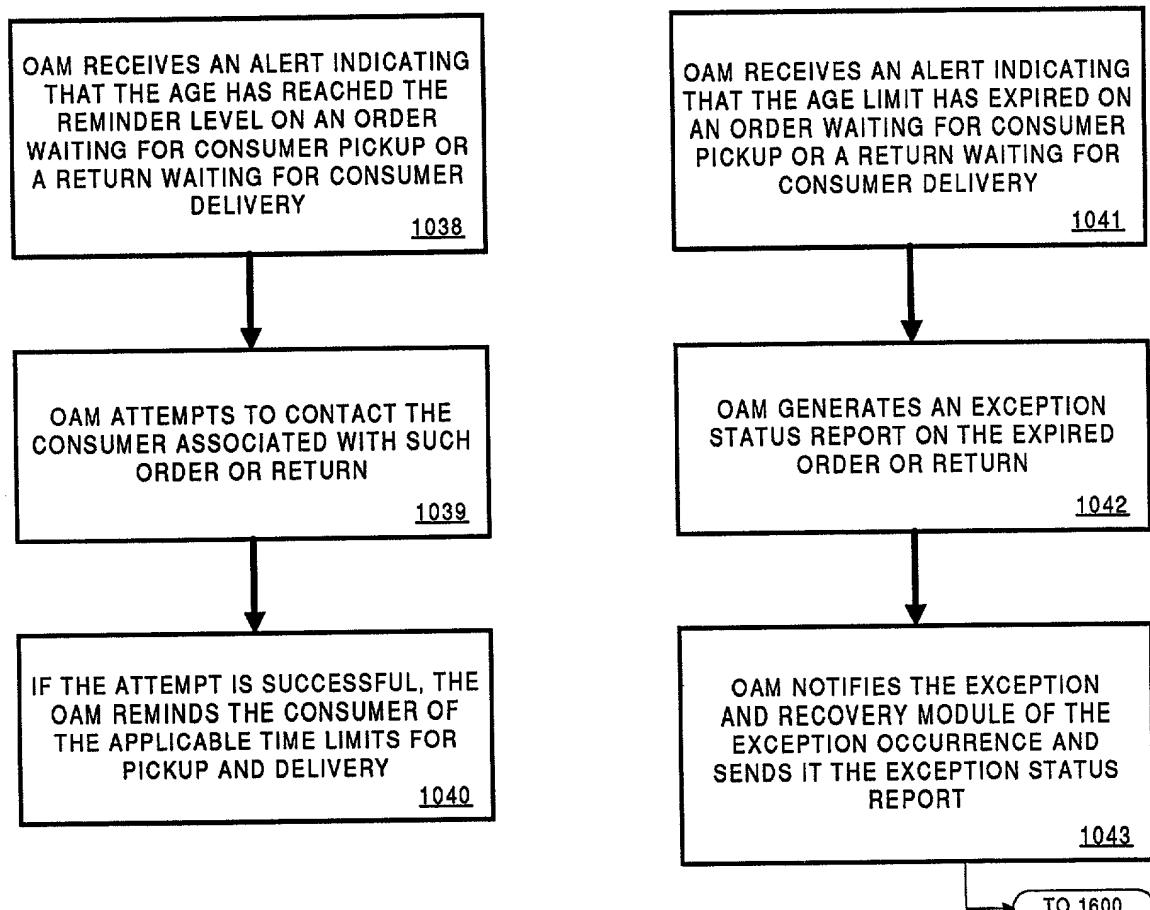


FIG. 10E

PICKUP AND DELIVERY INFORMATION MODULE (PDIM) FLOW CHART

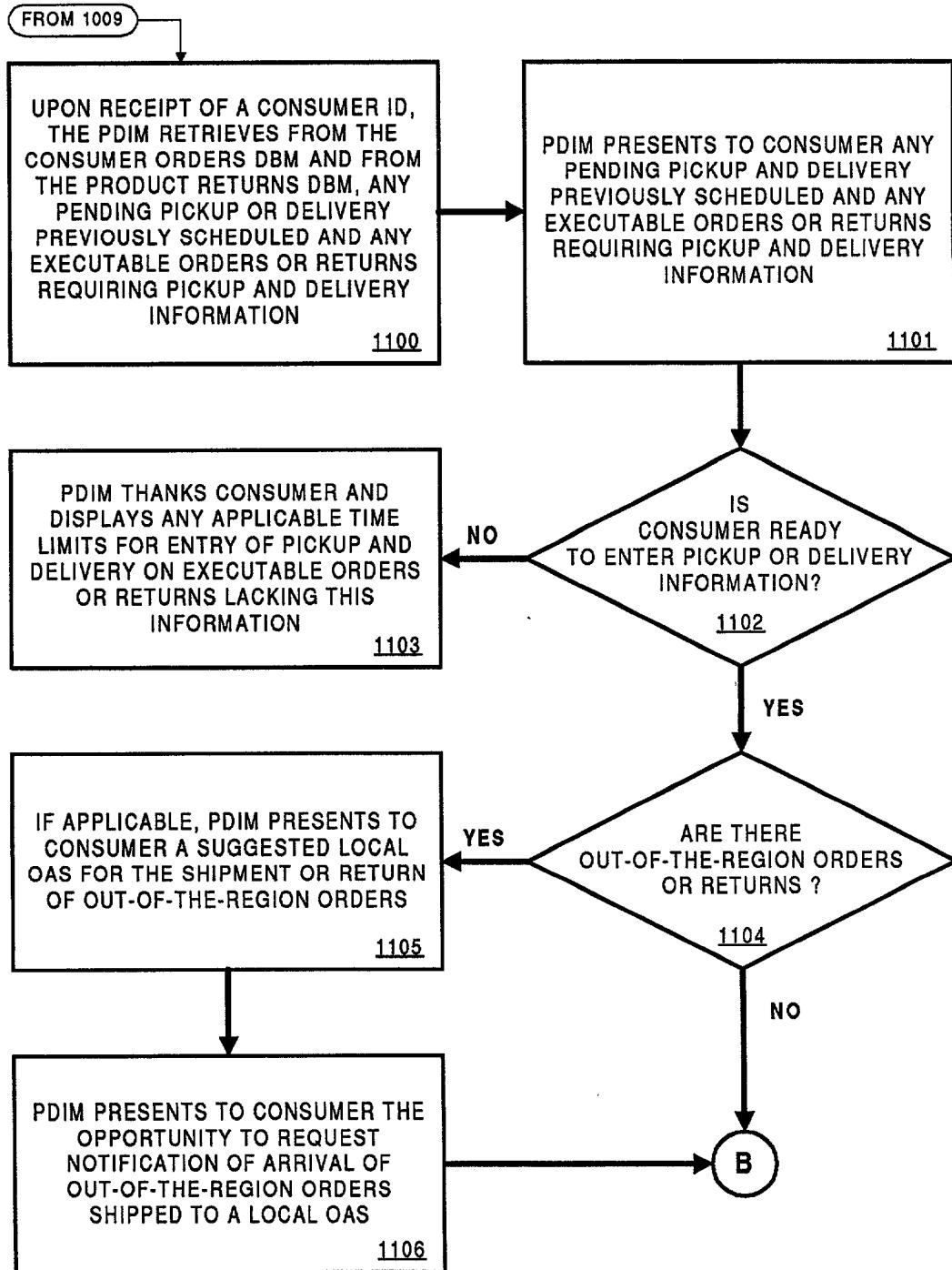


FIG. 11A

PICKUP AND DELIVERY INFORMATION MODULE (PDIM) FLOW CHART

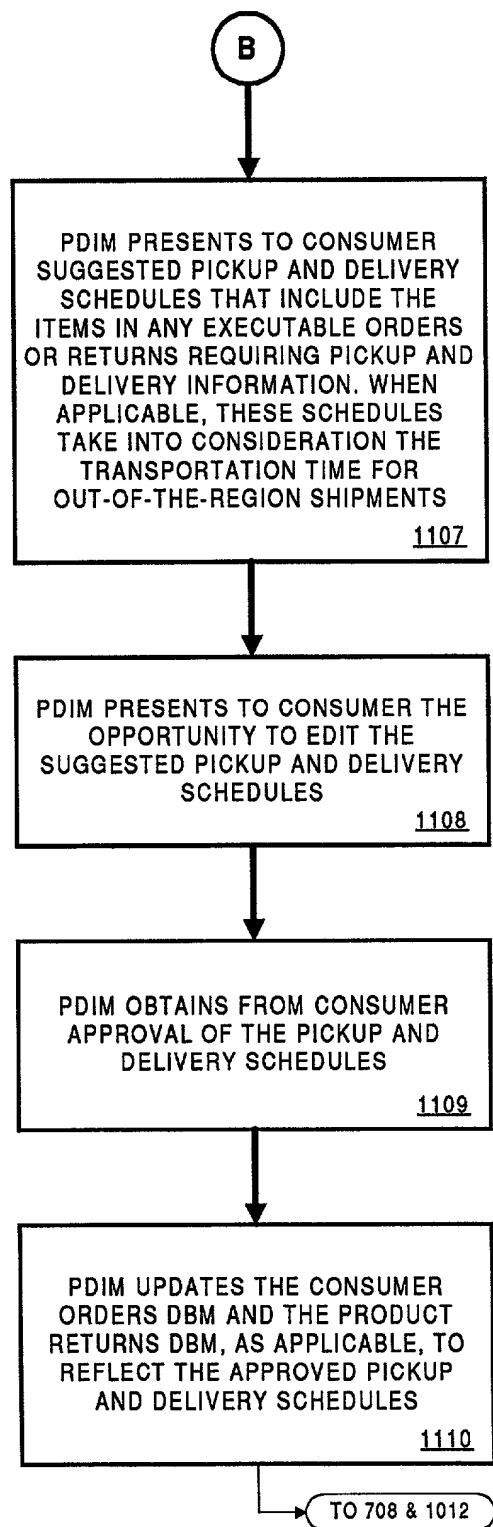


FIG. 11B

PRODUCT TRANSPORT MODULE (PTM) FLOW CHART

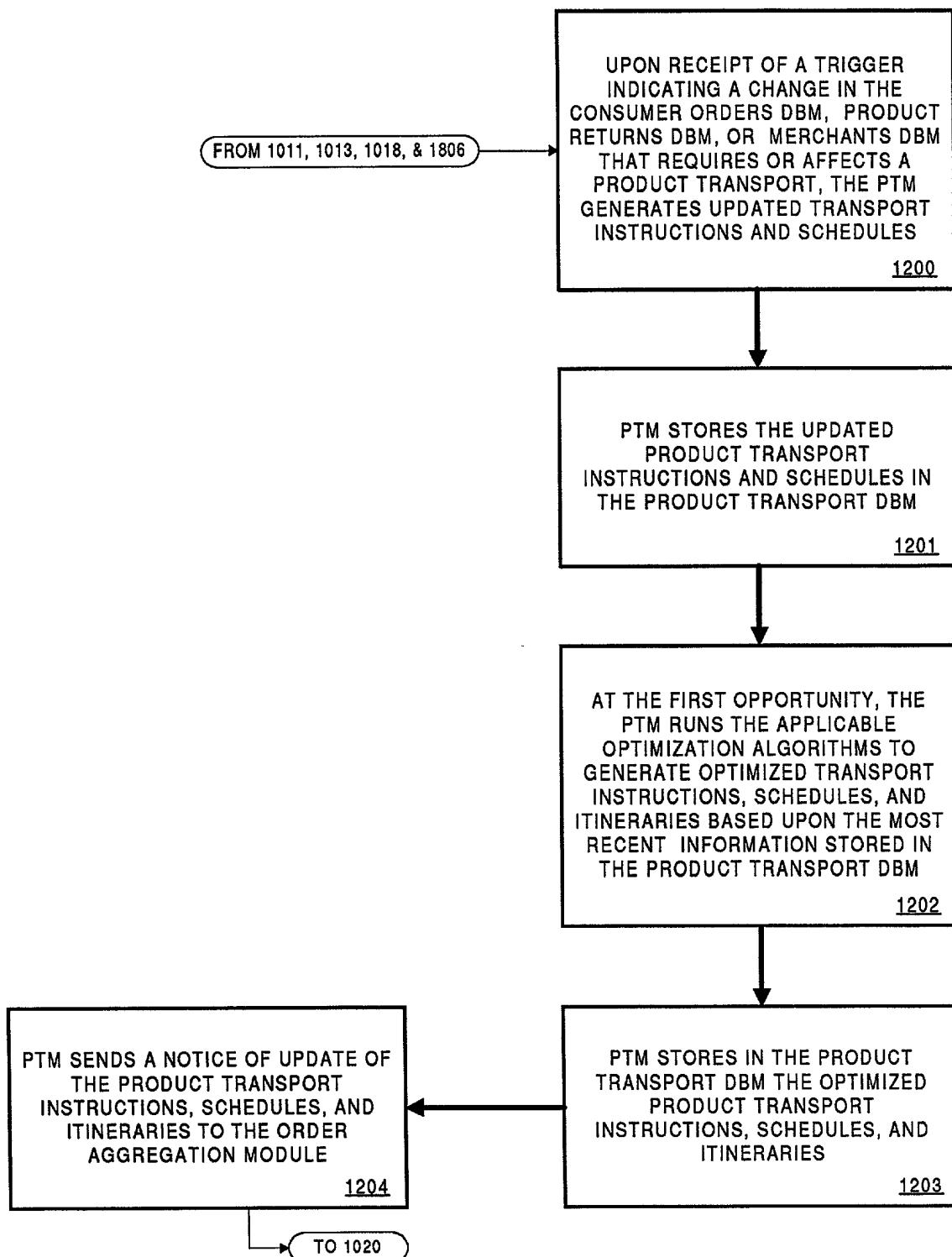


FIG. 12

CONFIGURATION DIAGRAM OF CUSTOMER SERVICE MODULE (CSM)

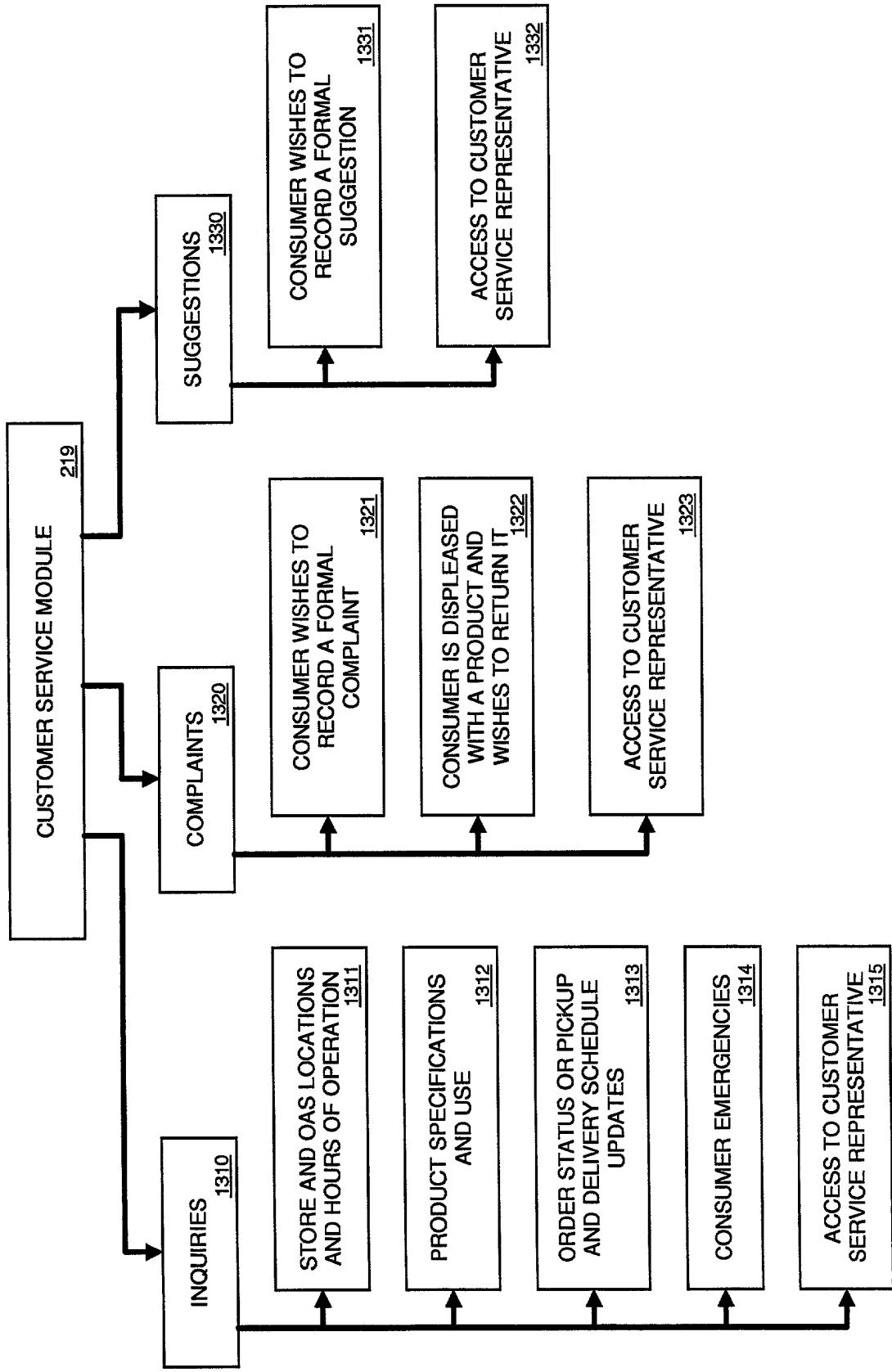


FIG. 13A

SCHEDULING PROCESS FOR CUSTOMER SERVICE MODULE (CSM)

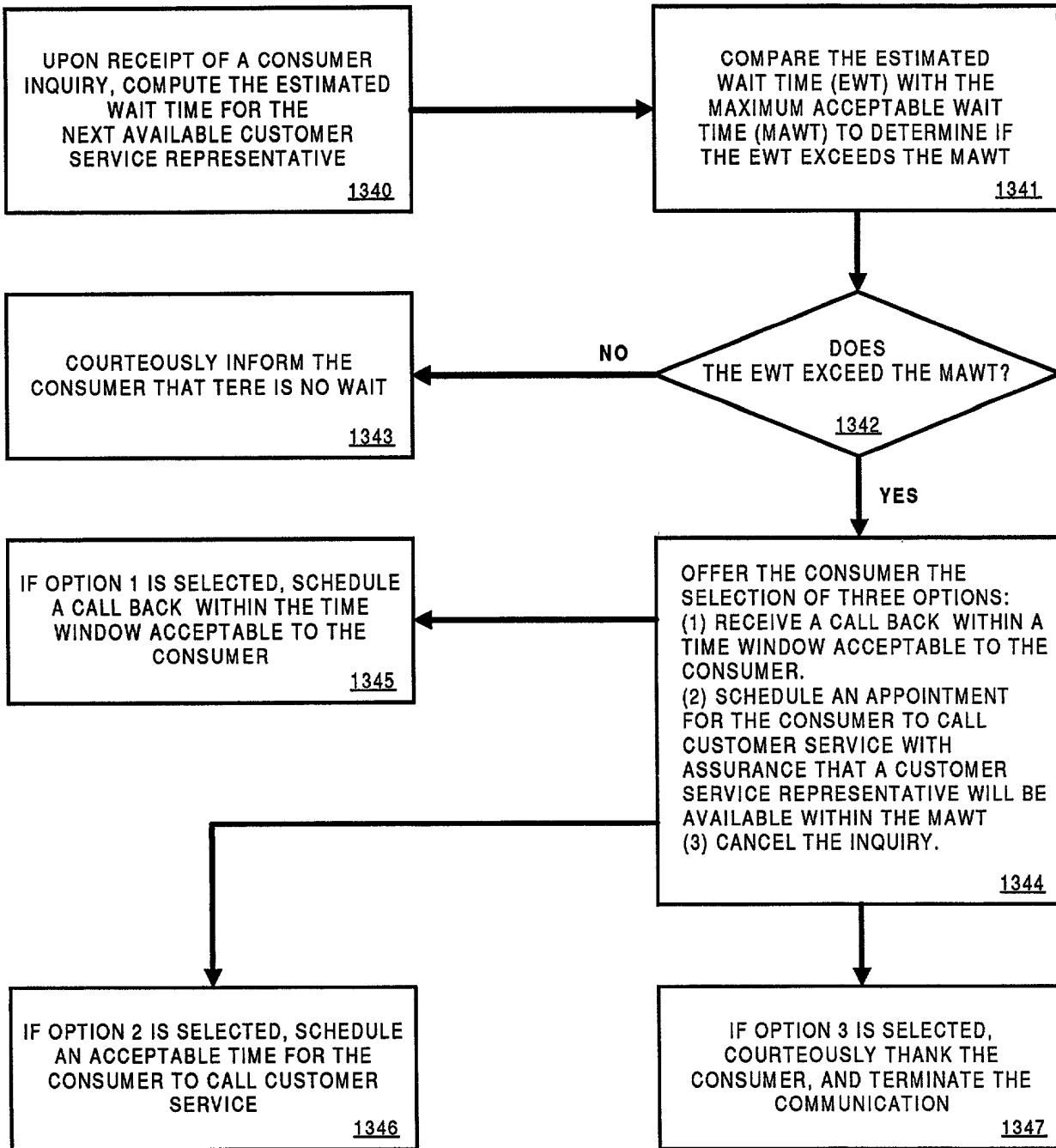


FIG. 13B

CONFIGURATION DIAGRAM OF STATISTICAL ANALYSIS MODULE (SAM)

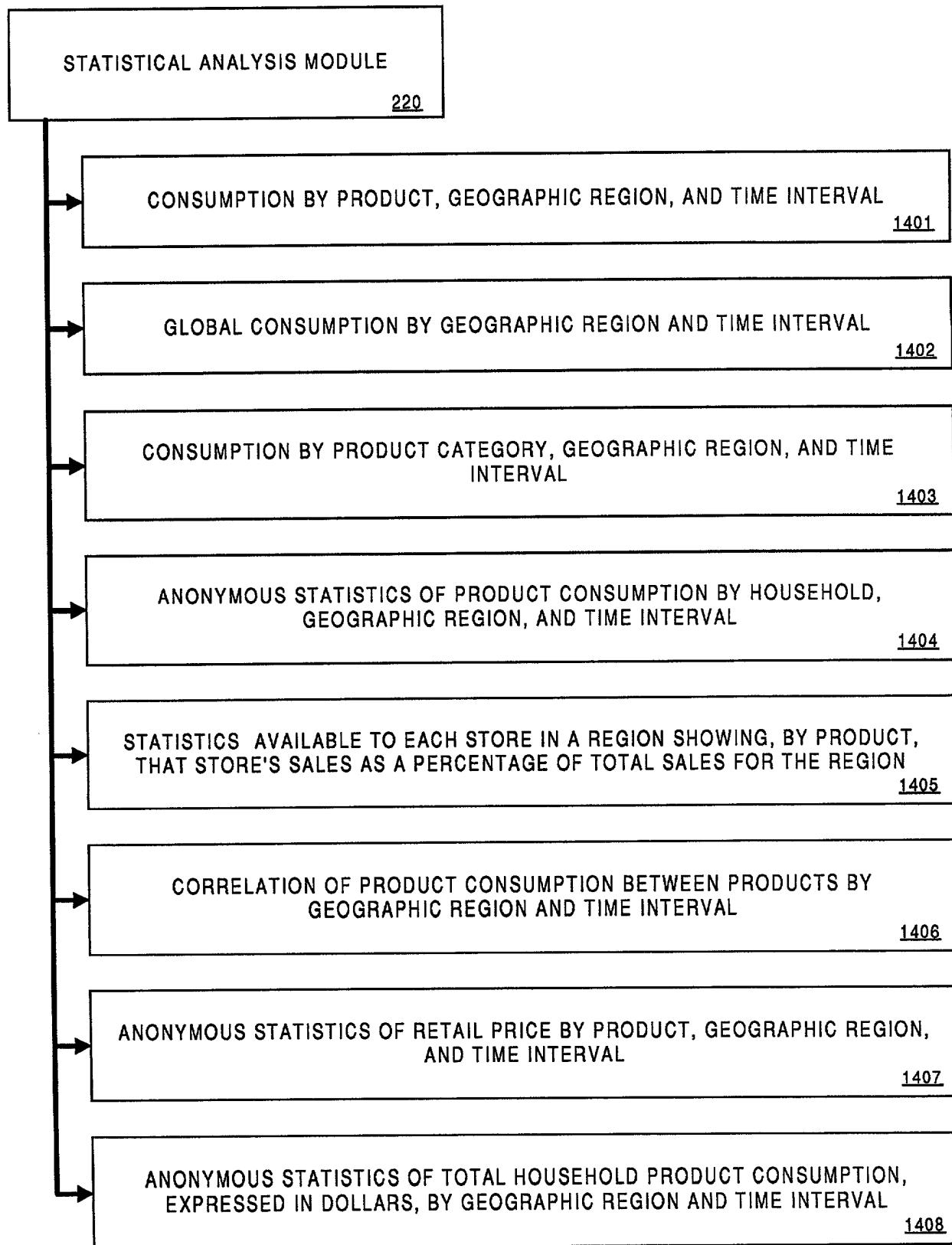


FIG. 14

CONFIGURATION DIAGRAM OF ACCOUNTING & BILLING MODULE (ABM)

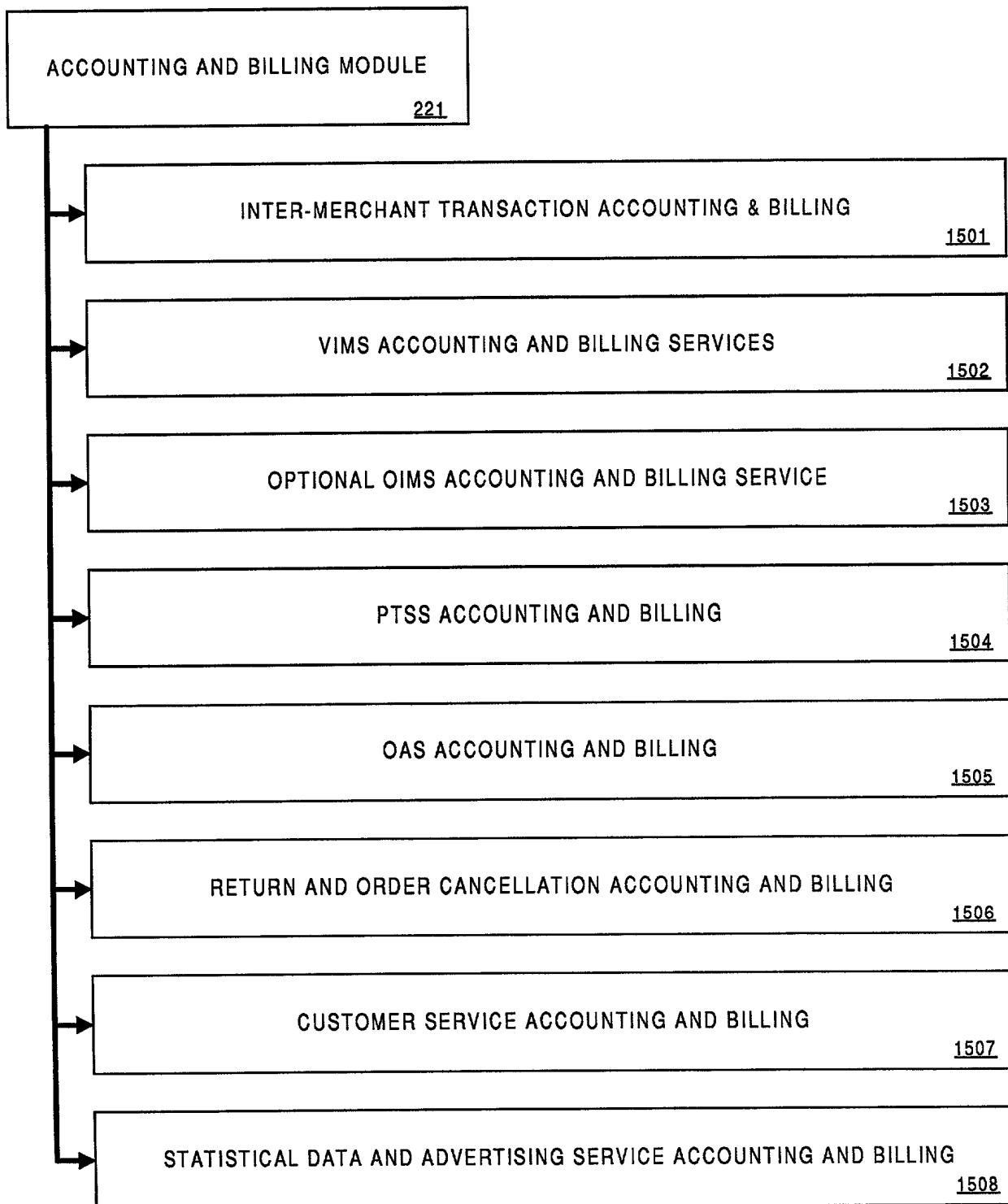


FIG. 15

EXCEPTION AND RECOVERY MODULE (ERM) FLOW CHARTS

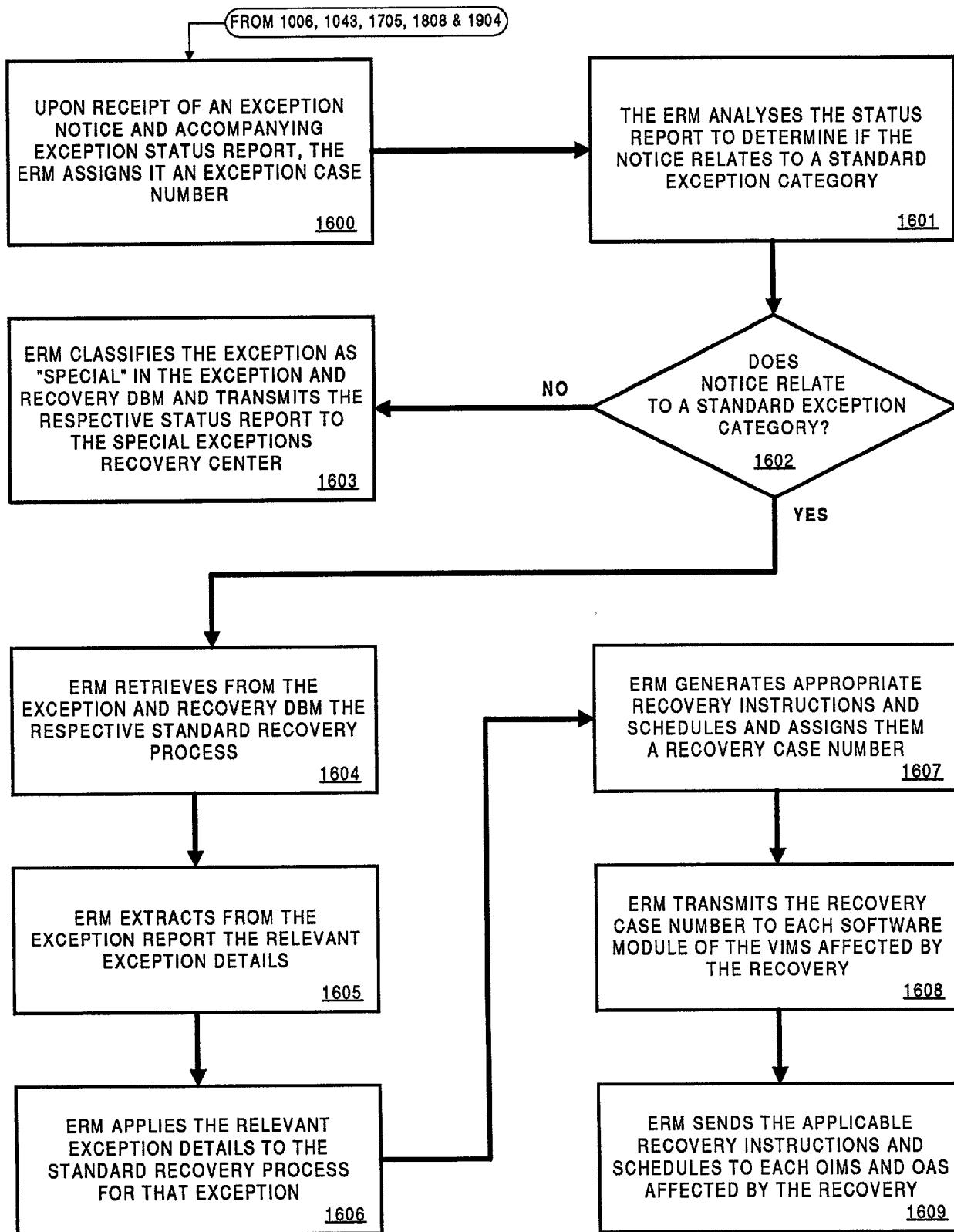


FIG. 16A

EXCEPTION AND RECOVERY MODULE (ERM) FLOW CHARTS

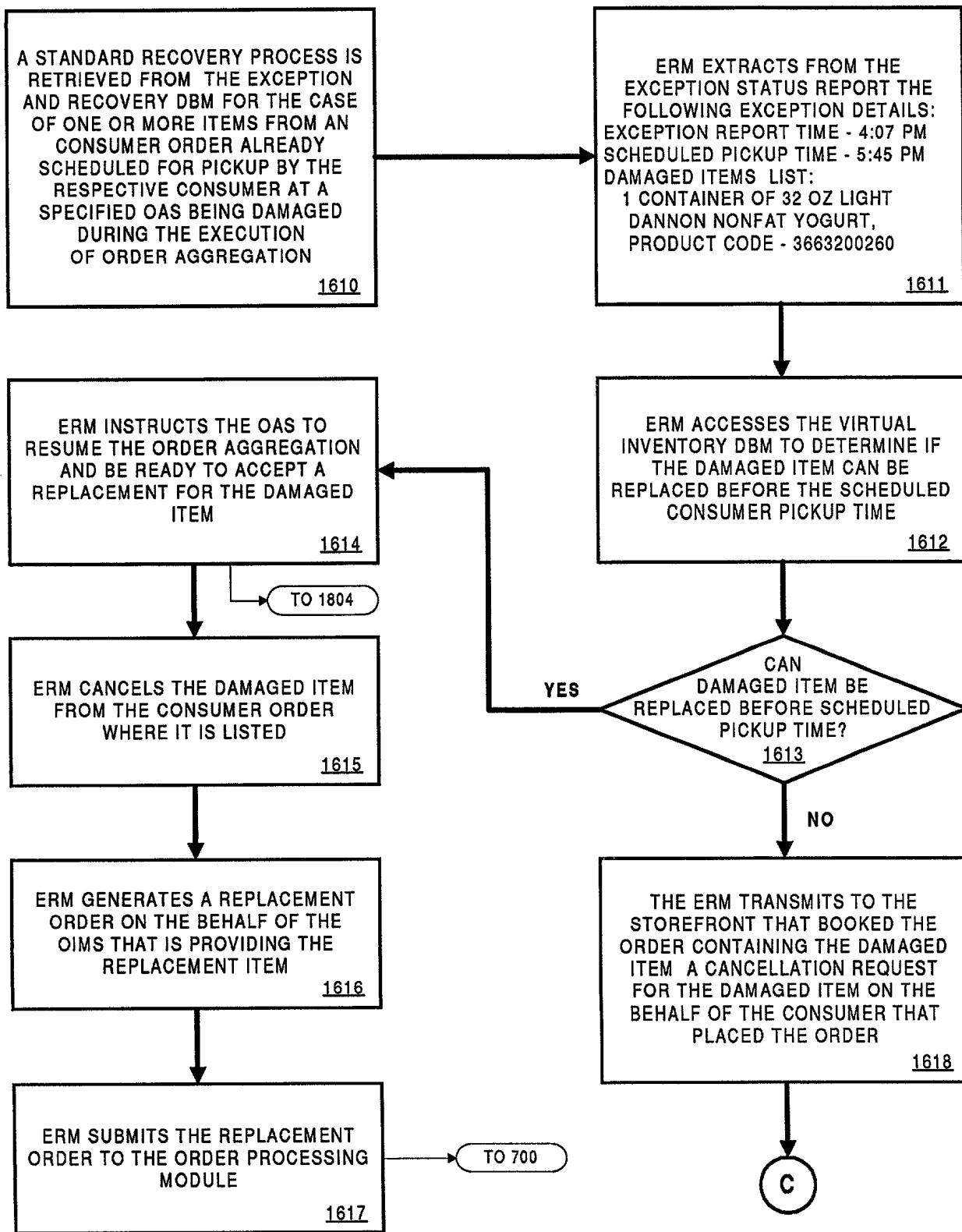


FIG. 16B

EXCEPTION AND RECOVERY MODULE (ERM) FLOW CHARTS

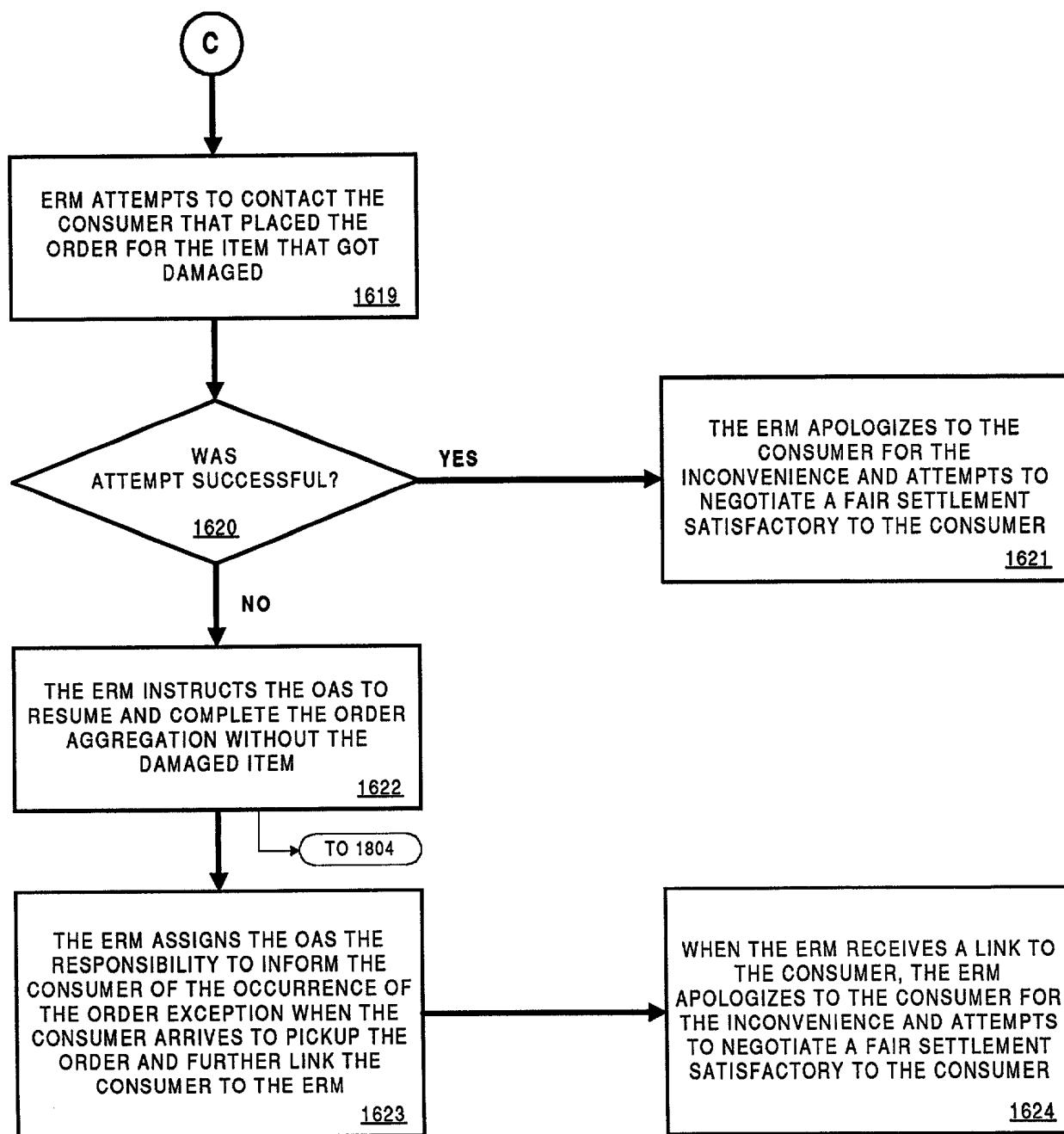


FIG. 16C

PRODUCT TRANSPORT SUPPORT SERVICE (PTSS) FLOW CHART

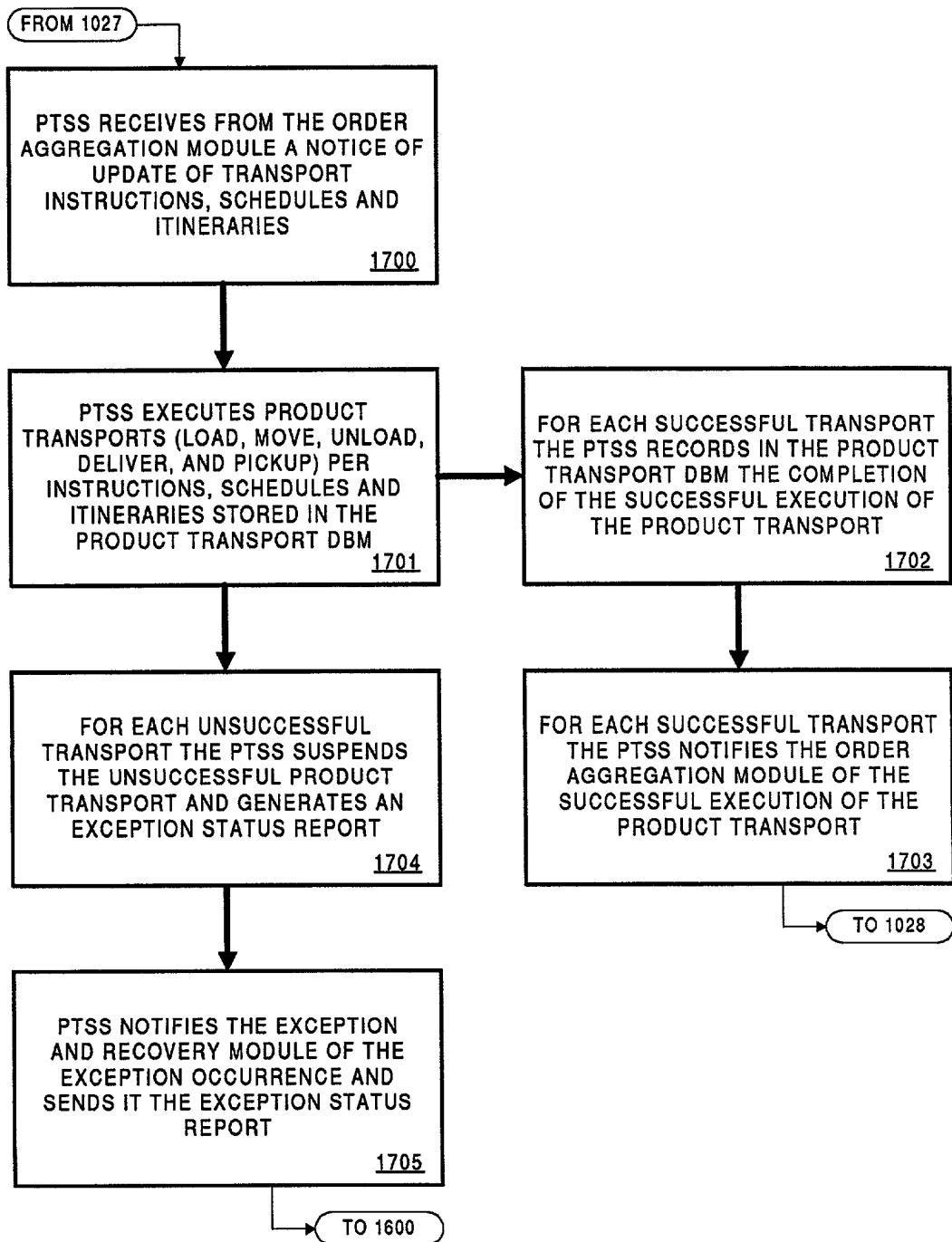


FIG. 17

ORDER AGGREGATION SITE (OAS) FLOW CHARTS

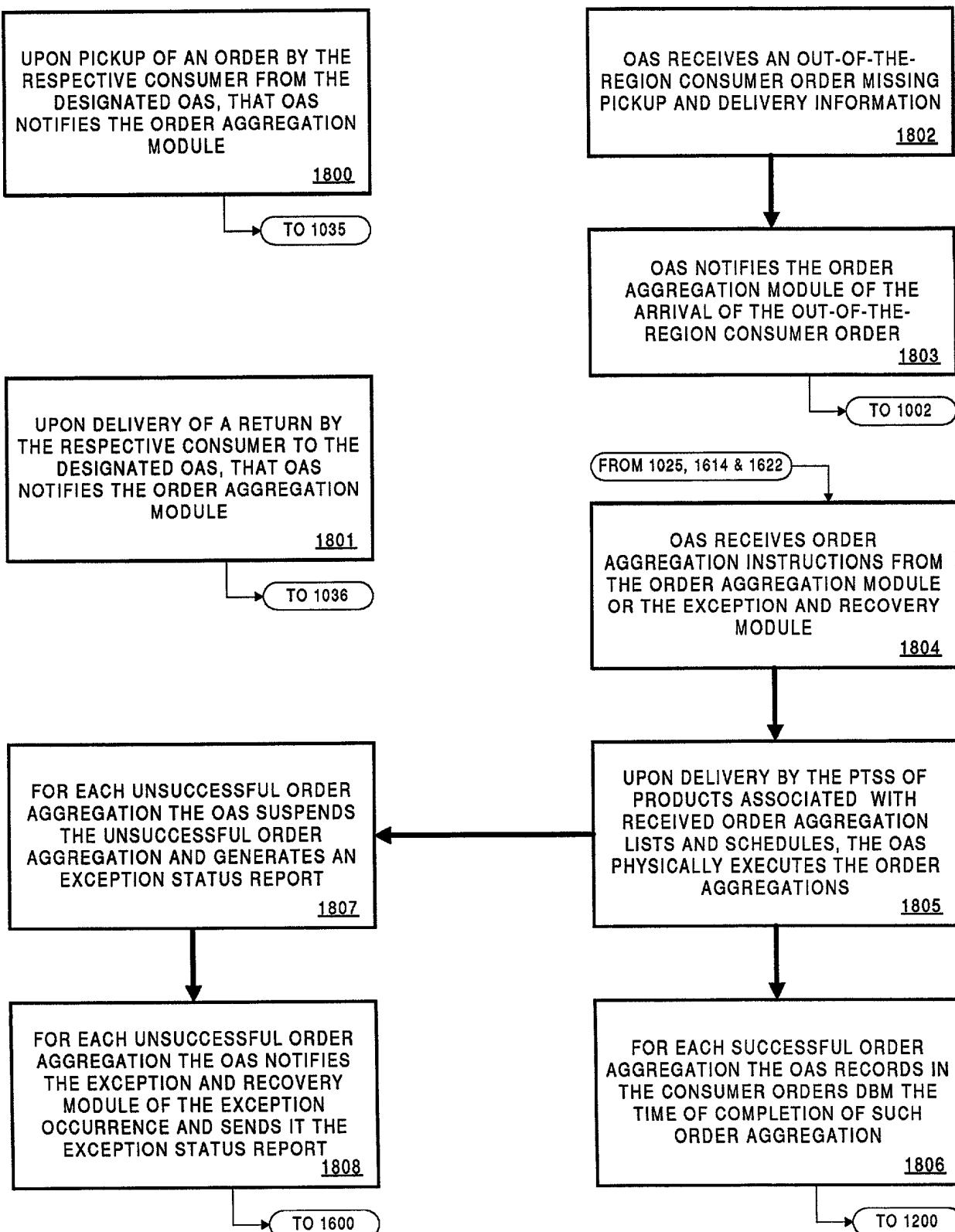


FIG. 18

ORDER AND INVENTORY MANAGEMENT SYSTEM (OIMS) FLOW CHARTS

0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900

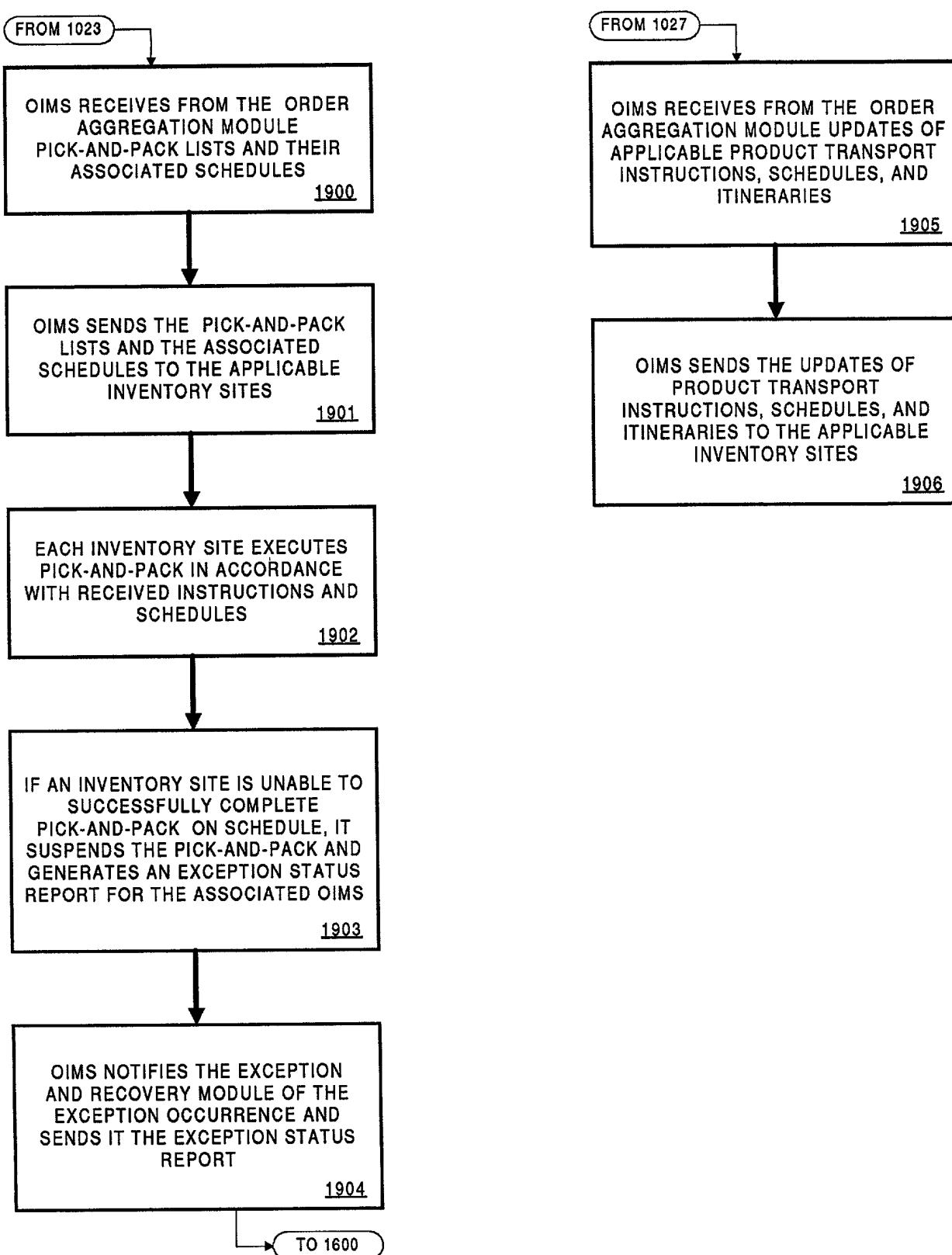


FIG. 19A

ORDER AND INVENTORY MANAGEMENT SYSTEM (OIMS) FLOW CHARTS

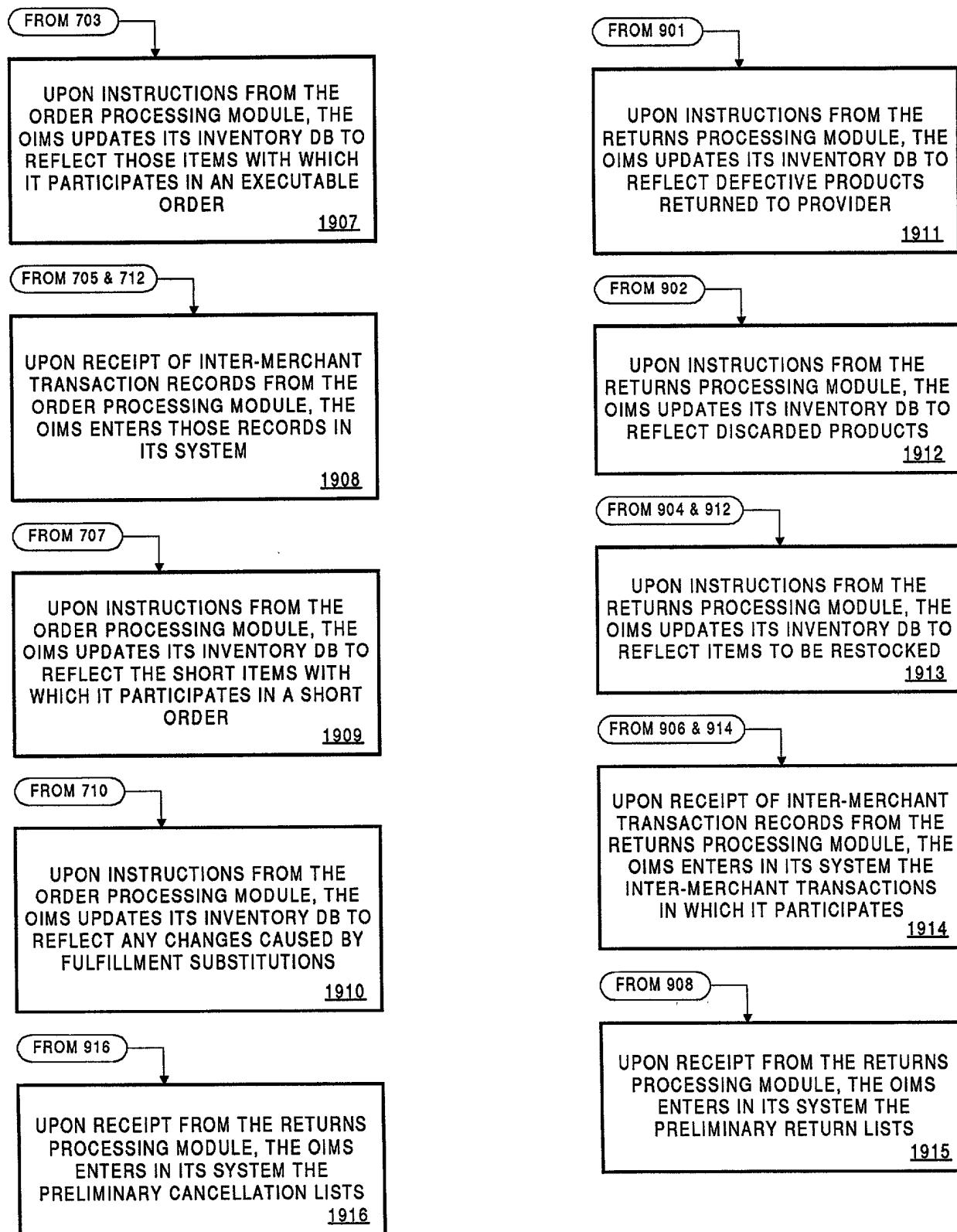


FIG. 19B

DIAGRAM OF EXEMPLARY SYSTEM IMPLEMENTATION

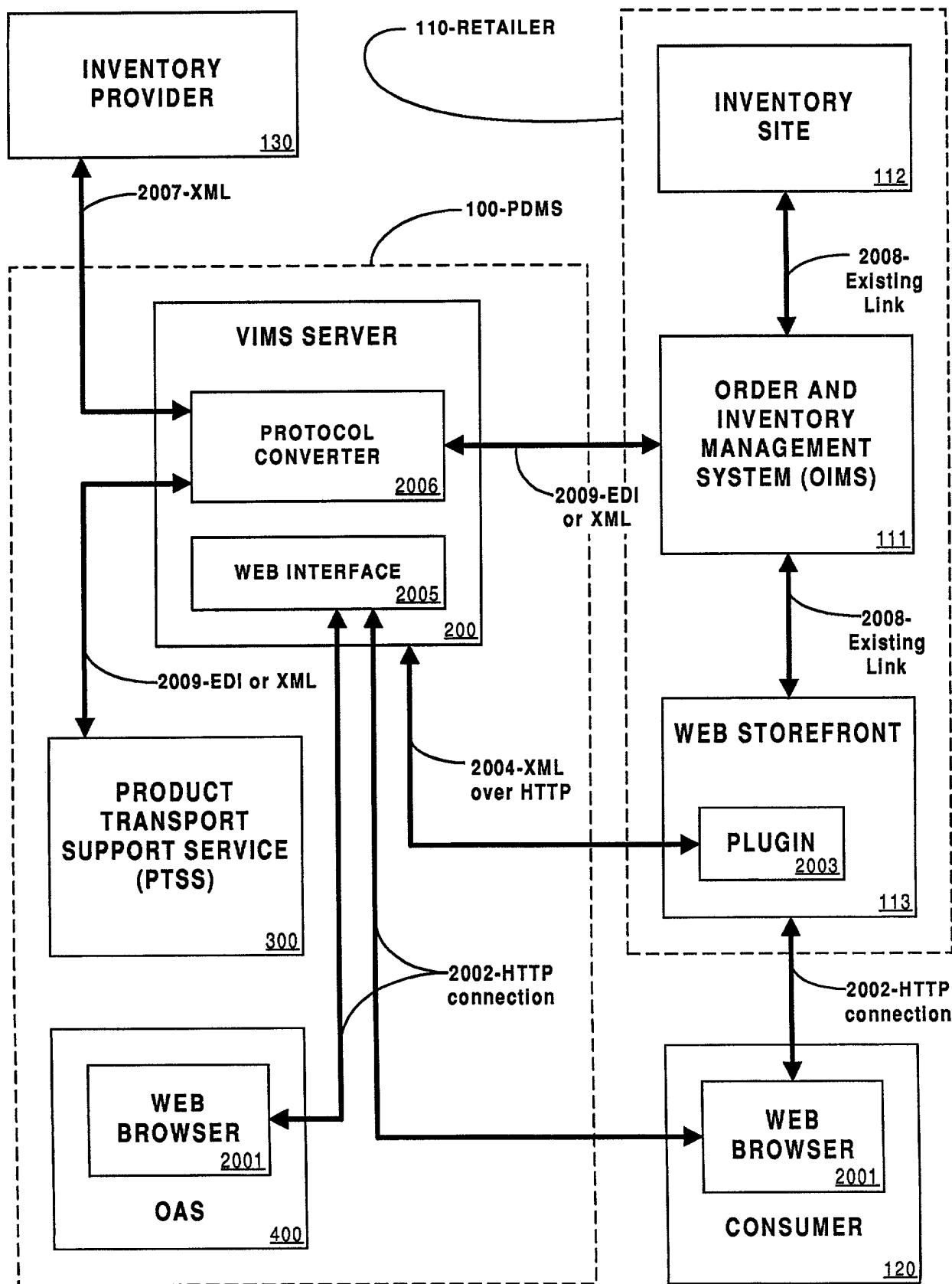


FIG. 20

COLLABORATIVE INVENTORY SHARING METHOD

2100 - METHOD

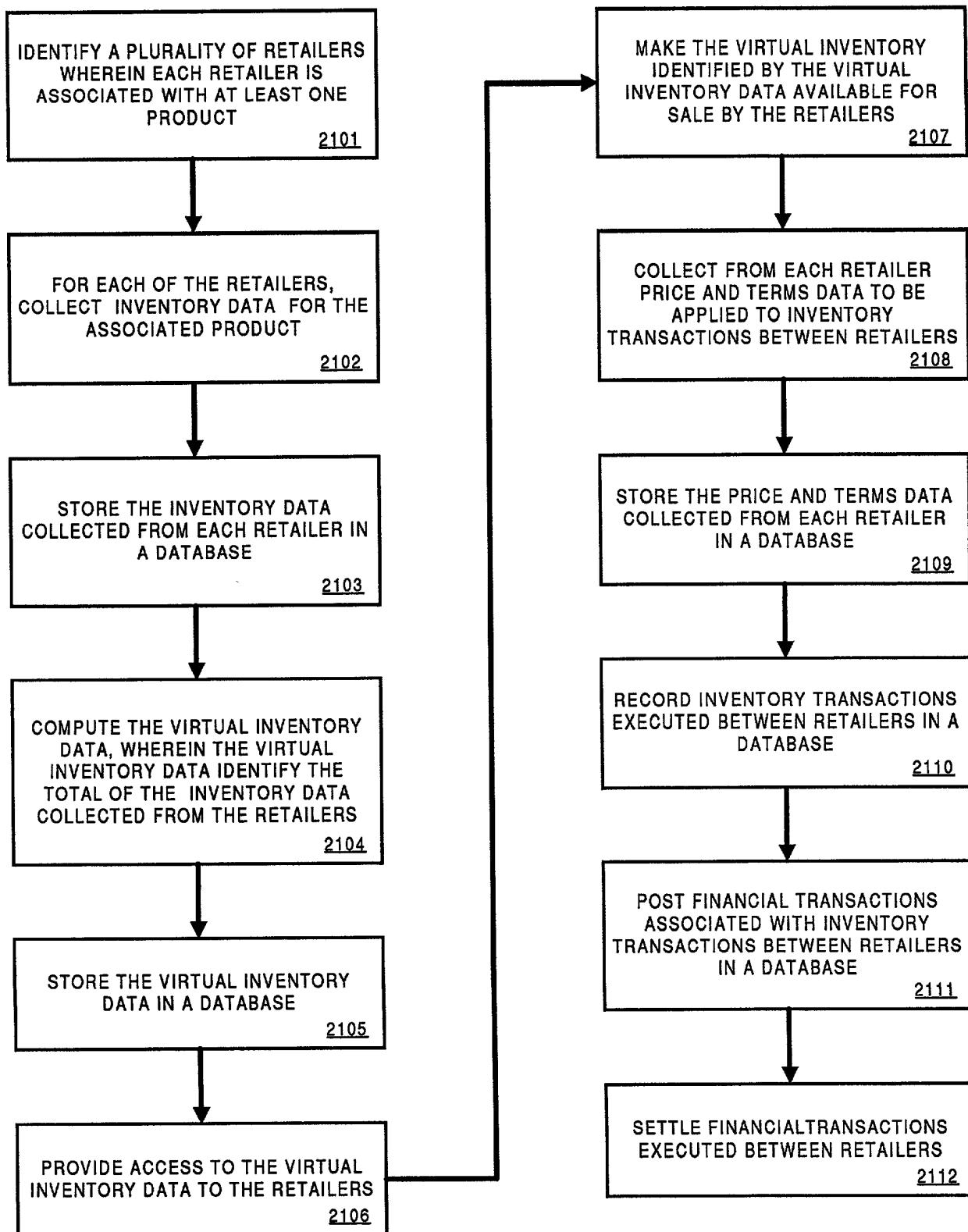


FIG. 21